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UBAtc Assessment Operator:
Belgian Construction Certification Association
Rue d'Arlon 53 - 1040 Brussels
www.bcca.be - info@bcca.be

**Technical Assessment Body issuing the European Technical Assessment: UBAtc.
UBAtc has been designated according to Article 29 of Regulation (EU) No 305/2011 and is member of EOTA (European Organisation for Technical Assessment)**

Trade name of the construction product:	JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60
Product family to which the construction product belongs:	Internal partition kits for use as non-load bearing walls
Manufacturer:	Beddeleem n.v. Venecoweg 14A B-9810 Nazareth Belgium
Manufacturing plants:	Beddeleem n.v. Venecoweg 14A B-9810 Nazareth Belgium
Website:	www.beddeleem.be
This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of:	EAD guideline EAD 210005-00-0505
This version replaces:	ETA 10/0371, issued on 29/05/2019
This European Technical Assessment contains:	90 pages, including annexes, which forms an integral part of this ETA.

European Organisation for Technical Assessment

Legal bases and general conditions

1 This European Technical Assessment is issued by UBAtc (Union belge pour l'Agrément technique de la construction, i.e. Belgian Union for technical Approval in construction), in accordance with:

- Regulation (EU) N° 305/2011[1] of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC
- Commission Implementing Regulation (EU) N° 1062/2013[2] of 30 October 2013 on the format of the European Technical Assessment for construction products
- EAD guideline 210005-00-0505

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14 This European Technical Assessment was first issued by UBAtc on 29 may 2019, based on ETAG 03 used as EAD. Compared with the previous version, this ETA issued by UBAtc on 1 April 2022, the kits JB 2000 EI00 and JB 2000 EI30 have been modified, and the kit JB 2000 EI60 have been introduced.

[1] OJEU, L 88 of 2011/04/04

[2] OJEU, L 289 of 2013/10/31

Technical Provisions

1 Technical description of the product

1.1 Characteristics of the products

1.1.1 General

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partitions are modular, storey-high partitions composed of a steel structure and opaque or glazed panels.

The maximum dimensions of the modules are 3000 mm high per 1200 mm wide.

The opaque partition panels consist of particle boards or lacquered steel plates perforated or not, finished according to annex A.

The glazed partition panels consist either of thermally toughened glass, laminated safety glass or fire resistant glass framed in window profiles.

The core of the opaque partition is made of an insulation material consisting of mineral wool, combined in some configurations with a gypsum board.

The partition's framework consists of C-shaped studs in galvanized steel and top and bottom runners in lacquered steel U-shaped profiles.

The studs have special perforations for horizontal ducts to channel cables in the partition. Both panel-bearing sides of the studs have special regularly spaced conical punch holes. These punch holes are designed for hooking the partition panels on the frame studs. A continuous closed-cell foam-rubber strip is applied between the punch holes. The studs are held in place by the top and bottom runners. The axis between the studs is the same as the width of the module. Closed-cell foam-rubber strips are applied on the top and bottom runners and a single foam-rubber strip is applied to the vertical sides.

2 Specification of the intended use(s) in accordance with the applicable EAD

2.1 General

The description of components used for the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 kit versions covered by this ETA are given in Annex A.

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 kit versions covered by this ETA are the following:

Table 1: JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 kit versions

Configuration code	Description
JB 2000-00-vw-1-a	Two 18 mm thick particle boards and a 60 mm thick mineral wool core
JB 2000-00-vw-1-b	Two 18 mm thick fire retardant particle boards and a 60 mm thick mineral wool core
JB 2000-00-vw-1-c	Two 18 mm thick particle boards, a 60 mm thick mineral wool core, and a top and a bottom wooden chock
JB 2000-00-vw-1-d	Two 18 mm thick fire retardant particle boards, a 60 mm thick mineral wool core and a bottom wooden chock
JB 2000-00-vw-1-e	Two 18 mm thick particle boards, a 40 mm thick mineral wool core, a 18 mm gypsum board and a top and a bottom wooden chock
JB 2000-00-vw-1-f	Two 18 mm thick fire retardant particle boards, a 40 mm thick mineral wool core, a 18 mm gypsum board and a bottom wooden chock
JB 2000-00-vw-1-g	Two 18 mm thick particle boards, a 50 mm thick mineral wool core, a 5 mm acoustic membrane and a bottom wooden chock
JB 2000-00-vw-1-h	Two 18 mm thick fire retardant particle boards, a 50 mm thick mineral wool core, a 5 mm acoustic membrane and a bottom wooden chock
JB 2000-00-vw-1-i	Two 18 mm thick particle boards, a 50 mm thick mineral wool core, two 5 mm acoustic membranes and a top and a bottom wooden chock
JB 2000-00-vw-1-j	Two 18 mm thick fire retardant particle boards, a 50 mm thick mineral wool core, two 5 mm accoustic membranes and a top and bottom wooden chock.
JB 2000-00-vw-2-a	Two 1 mm thick steel plates within which a 12,5 mm thick gypsum board is glued and a 60 mm thick mineral wool core
JB 2000-00-vw-2-b	Two 18 mm thick particle boards, a 60 mm thick mineral wool core, a 12,5 mm gypsum board and a top and a bottom wooden chock
JB 2000-00-vw-2-c	Two 18 mm thick particle boards, a 60 mm thick mineral wool core, a 12,5 mm gypsum board and a top and a bottom MgO chock
JB 2000-00-vw-3-a	A 18 mm particle board on one side, a 18 mm thick perforated MDF board on the other side on which an acoustic membrane is glued and a 60 mm thick mineral wool core
JB 2000-00-vw-3-b	Two 18 mm thick perforated MDF boards on which an acoustic membrane is glued and cavity filled with 20 mm mineral wool, two 9,5 mm gypsum boards and 20 mm mineral wool.
JB 2000-00-vw-4-a	A 1 mm thick steel plate on one side within which a 12,5 mm thick gypsum board is glued, a perforated 1 mm thick steel plate on the other side on which an acoustic membrane is glued and a 60 mm thick mineral wool core
JB 2000-00-vw-4-b	Two perforated 1 mm thick steel plates within which an acoustic membrane is glued and cavity filled with 40 mm mineral wool, two 9,5 mm gypsum boards and 40 mm mineral wool.
JB 2000-00-vw-4-c	Two 18 mm perforated steel cassettes within which an acoustic membrane is glued and a 60 mm thick mineral wool core
JB 2000-00-vw-4-d	Two 18 mm perforated steel cassettes within which an acoustic membrane is glued, a 12,5 mm thick gypsum board and a 50 mm thick mineral wool core

Configuration code	Description
JB 2000-00-vw-4-e	A 18 mm perforated steel cassette and a 1 mm thick metal board within which an acoustic membrane is glued, a 12,5 mm thick gypsum board and a 60 mm thick mineral wool core
JB 2000-00-vw-4-f	A 18 mm perforated steel cassette within which an acoustic membrane is glued, a 18 mm particle board and a 60 mm thick mineral wool core
JB 2000-00-gw-1-a	Two 6 mm thick thermally toughened glasses framed in 25 mm thick aluminium window profiles by means of 6 mm PVC glazing profiles
JB 2000-00-gw-1-b	6 mm and 8 mm thick thermally toughened glasses framed in 25 mm thick aluminium window profiles by means of 6 mm and 8 mm PVC glazing profiles
JB 2000-00-gw-1-c	33.2 and 44.2 laminated safety glasses framed in 25 mm thick aluminium window profiles by means of 6 mm and 8 mm PVC glazing profiles
JB 2000-00-gw-1-d	Two laminated safety glasses (55.1 and 44.1) framed in 25 mm thick aluminium window profiles by means of 8 mm and 10,8 mm PVC glazing profiles
JB 2000-00-gw-1-e	Two laminated safety glasses (55.2 and 44.2) framed in 25 mm thick aluminium window profiles by means of 8 mm and 10,8 mm PVC glazing profiles
JB 2000-00-gw-4-a	6 mm thick thermally toughened glasses framed in 50 mm thick aluminium window profiles by means of 6 mm PVC glazing profiles
JB 2000-00-gw-4-b	6 mm and 8 mm thick thermally toughened glasses framed in 50 mm thick aluminium window profiles by means of 6 mm and 8 mm PVC glazing profiles
JB 2000-00-gw-4-c	33.2 and 44.2 laminated safety glasses framed in 50 mm thick aluminium window profiles by means of 6 mm and 8 mm PVC glazing profiles
JB 2000-30-vw-1-a	Two 18 mm thick particle boards, a 60 mm thick mineral wool core and a top and a bottom wooden chock
JB 2000-30-vw-1-b	Two 18 mm thick fire retardant particle boards, a 60 mm thick mineral wool core and a top and a bottom wooden chock
JB 2000-30-vw-1-c	Two 18 mm thick particle boards, a 40 mm thick mineral wool core, a 18 mm gypsum board and a top and a bottom wooden chock
JB 2000-30-vw-1-d	Two 18 mm thick fire retardant particle boards, a 18 mm gypsum board a 40 mm thick mineral wool core and a top and a bottom wooden chock
JB 2000-30-vw-2-a	Two 1 mm thick steel plates within which a 12,5 mm thick gypsum board is glued, a 60 mm thick mineral wool core and a top and a bottom wooden chock
JB 2000-30-vw-2-b	Two 1 mm thick steel plates within which a 12,5 mm thick gypsum board is glued, a 60 mm thick mineral wool core and a top and a bottom MgO chock
JB 2000-30-gw-1-a	One 17,3 mm thick fire resistant glass framed in 1,5 mm thick steel window profiles, with selfadhesive intumescent product, a top and bottom wooden chock.
JB 2000-60-vw-1-a	Two 18 mm thick particle boards, two 12,5 mm gypsum boards, two 20 mm thick mineral wool cores, a top and bottom MgO chock.
JB 2000-60-vw-1-b	Two 18 mm thick fire retardant particle boards, two 12,5 mm gypsum boards, two 20 mm thick mineral wool core, a top and bottom MgO chock.
JB 2000-60-vw-2-a	Two 1 mm thick steel plates within wich a 12,5 mm thick gypsum board is glued, two 12,5 mm gypsum boards, two 20 mm thick mineral wool cores, a top and bottom MgO chock.
JB 2000-60-gw-1-a	One 25 mm thick fire resistant glass framed in 1,5 mm thick steel window profiles, with selfadhesive intumescent product, a top and bottom MgO chock.

Drawings of the assessed JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 version kits are given in Annex A.

2.2 Intended uses

This ETA covers the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits intended to be used as relocatable non-loadbearing walls to divide the interior of residential buildings, offices and public buildings, under the following conditions:

- an average air temperature range from 5 °C to 35 °C with a minimum of 0 °C and a maximum of 50 °C;
- an average relative daily humidity range from 20 % RH to 75 % RH with maximum air relative humidity only exceeding 85 % RH for short periods of time;
- in zones accessible to users with some/little incentive care. Risk of accidents occurring and of misuse. In case of failure risk includes the fall to a floor at a lower level (use categories IV as specified in EAD guideline 210005-00-0505, Table 2);
- in zones where surface requirements with respect to hygiene, air quality, static electricity, etc. are of the same nature and magnitude as those in dwellings, offices, schools, institutions, etc.

The assumed working life of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits is 25 years,

Indications given regarding the working life cannot be interpreted as a guarantee given by the producer or the UBAtc, but are to be regarded only as a means for choosing the appropriate product(s) in relation to the expected economically reasonable working life of the construction works.

2.3 Provisions related to manufacturing, packaging and storage

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partitions are manufactured, packed and stored according to the procedure laid down in the technical file deposited with the UBAtc.

2.4 Packaging, transportation, storage, installation, maintenance, replacement and repair

Concerning product packaging, transport, storage, installation, maintenance, replacement and repair it is the responsibility of the manufacturer to undertake the appropriate measures and to advise his clients on the transport, storage, installation, maintenance, replacement and repair of the product as he considers necessary.

It is assumed that the kit will be installed according to the manufacturer's instructions or (in absence of such instructions) according to the usual practice of the building professionals.

2.5 Provisions related to the design and use of the product

The installation instructions, including special installation techniques and provisions for the qualification of the personnel are given in the manufacturer's technical documentation.

3 Performance of the product and references to the methods used for its assessment

3.1 Essential characteristics

3.1.1 Safety in case of fire

3.1.1.1 Reaction to fire

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA for which a reaction to fire have been assessed are detailed in Table 2, according to EN 13501-1. No performance have been assessed for the other types of partition kits (NPD).

Table 2: JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 kit versions

Configuration code	Reaction to fire	Fire resistance
JB2000-00-vw-1-a	D-S2,d0	EI 00
JB2000-00-vw-1-b	B-S1,d0	EI 00
JB2000-00-vw-1-c	D-S2,d0	EI 00
JB2000-00-vw-1-d	B-S1,d0	EI 00
JB2000-00-vw-1-e	D-S2,d0	EI 00
JB2000-00-vw-1-f	B-S1,d0	EI 00
JB2000-00-vw-1-g	D-S2,d0	EI 00
JB2000-00-vw-1-h	B-S1,d0	EI 00
JB2000-00-vw-1-i	D-S2,d0	EI 00
JB2000-00-vw-1-j	B-S1,d0	EI 00
JB2000-00-vw-2-a	A2-S1,d0	EI 00
JB2000-00-vw-2-b	B-S1,d0	EI 00
JB2000-00-vw-2-c	A2-S1,d0	EI 00
JB2000-00-vw-3-a	NPD	EI 00
JB2000-00-vw-3-b	NPD	EI 00
JB2000-00-vw-4-a	NPD	EI 00
JB2000-00-vw-4-b	NPD	EI 00
JB2000-00-vw-4-c	NPD	EI 00
JB2000-00-vw-4-d	NPD	EI 00
JB2000-00-vw-4-e	NPD	EI 00
JB2000-00-vw-4-f	NPD	EI 00
JB2000-00-gw-1-a	NPD	EI 00
JB2000-00-gw-1-b	NPD	EI 00
JB2000-00-gw-1-c	NPD	EI 00
JB2000-00-gw-1-d	NPD	EI 00
JB2000-00-gw-1-e	NPD	EI 00
JB2000-00-gw-4-a	NPD	EI 00
JB2000-00-gw-4-b	NPD	EI 00
JB2000-00-gw-4-c	NPD	EI 00
JB2000-30-vw-1-a	D-S2,d0	EI 30
JB2000-30-vw-1-b	B-S1,d0	EI 30
JB2000-30-vw-1-c	D-S2,d0	EI 30
JB2000-30-vw-1-d	B-S1,d0	EI 30
JB2000-30-vw-2-a	B-S1,d0	EI30
JB2000-30-vw-2-b	A2-S1,d0	EI30
JB2000-30-gw-1-a	NPD	EI 30
JB2000-60-vw-1-a	D-S2,d0	EI 60
JB2000-60-vw-1-b	B-S1,d0	EI 60
JB2000-60-vw-2-a	A2-S1,d0	EI 60
JB2000-60-gw-1-a	NPD	EI 60

Fire resistance:

According to EN 13501-2 the assembled JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA are classified as detailed in Table 2.

3.1.2 Hygiene, Health and Environment

3.1.2.1 Release of dangerous substances

Formaldehyde:

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA and composed of wood based panels are classified E1 regarding the release of formaldehyde according to EN 13986 and EN 16516.

Table 3: Formaldehyde class of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Formaldehyde Class
JB2000-00-vw-1-a	E1
JB2000-00-vw-1-b	
JB2000-00-vw-1-c	
JB2000-00-vw-1-d	
JB2000-00-vw-1-e	
JB2000-00-vw-1-f	
JB2000-00-vw-1-g	
JB2000-00-vw-1-h	
JB2000-00-vw-1-i	
JB2000-00-vw-1-j	
JB2000-00-vw-3-a	
JB2000-00-vw-3-b	
JB2000-30-vw-1-a	
JB2000-30-vw-1-b	
JB2000-30-vw-1-c	
JB2000-30-vw-1-d	
JB2000-60-vw-1-a	
JB2000-60-vw-1-b	

The formaldehyde class is not relevant for the other configurations of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits.

Asbestos (content):

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA do not contain asbestos.

Pentachlorophenol:

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA do not contain pentachlorophenol.

Other dangerous material:

The applicant declares no other dangerous substances are contained in or emitted by the JB 2000 EI00 and JB 2000 EI30 internal partition kits covered by this ETA.

3.1.2.2 Water vapour permeability

No performance assessed.

3.1.3 Safety and accessibility in use

3.1.3.1 Sill height

The Sill height of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is 900 mm.

3.1.3.2 Resistance to damage and functional failure from horizontal loads

3.1.3.2.1 Resistance to damage and functional failure from soft body impact load

According to EAD 210005-00-0505, annex E with amendments and modifications as described in annex A and B, the resistance to damage and functional failures from soft body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is:

Table 4: Resistance to structural damage from soft body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Use category	Structural damage test criteria
JB2000-00-vw-1-a	IVc	– No penetration – No collapse – No other dangerous failure
JB2000-00-vw-1-b		
JB2000-00-vw-1-c		
JB2000-00-vw-1-d		
JB2000-00-vw-1-e		
JB2000-00-vw-1-f		
JB2000-00-vw-1-g		
JB2000-00-vw-1-h		
JB2000-00-vw-1-i		
JB2000-00-vw-1-j		
JB 2000-00-vw-2-a		
JB 2000-00-vw-2-b		
JB 2000-00-vw-2-c		
JB 2000-00-gw-1-a		
JB 2000-00-gw-1-b		
JB 2000-00-gw-1-c		
JB 2000-00-gw-1-d		
JB 2000-00-gw-1-e		
JB 2000-00-gw-4-a		
JB 2000-00-gw-4-b		
JB 2000-00-gw-4-c		
JB 2000-30-vw-1-a		
JB 2000-30-vw-1-b		

Configuration	Use category	Structural damage test criteria
JB 2000-30-vw-1-c	IVc	– No penetration – No collapse – No other dangerous failure
JB 2000-30-vw-1-d		
JB 2000-30-vw-2-a		
JB 2000-30-vw-2-b		
JB2000-60-vw-1-a		
JB2000-60-vw-1-b		
JB2000-60-vw-2-a		

Table 5: Resistance to functional failure from soft body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Use category	Structural damage test criteria	
		Max deflection during impact	
JB 2000-00-vw-1-a	IV	23 mm	– No functional failure – Maximum residual deflection 5 mm – Increase in residual deflection systematically decreasing – Opening of door still possible
JB 2000-00-vw-1-b		23 mm	
JB 2000-00-vw-1-c		23 mm	
JB 2000-00-vw-1-d		23 mm	
JB 2000-00-vw-1-e		23 mm	
JB 2000-00-vw-1-f		23 mm	
JB 2000-00-vw-1-g		23 mm	
JB 2000-00-vw-1-h		23 mm	
JB 2000-00-vw-1-i		23 mm	
JB 2000-00-vw-1-j		23 mm	
JB 2000-00-vw-2-a		21 mm	
JB 2000-00-vw-2-b		21 mm	
JB 2000-00-vw-2-c		21 mm	
JB 2000-00-gw-1-a		17 mm	
JB 2000-00-gw-1-b		17 mm	
JB 2000-00-gw-1-c		15 mm	
JB 2000-00-gw-1-d		15 mm	
JB 2000-00-gw-1-e		15 mm	
JB 2000-00-gw-4-a		17 mm	
JB 2000-00-gw-4-b		17 mm	
JB 2000-00-gw-4-c		15 mm	
JB 2000-30-vw-1-a		23 mm	
JB 2000-30-vw-1-b		23 mm	
JB 2000-30-vw-1-c		23 mm	
JB 2000-30-vw-1-d		23 mm	
JB 2000-30-vw-2-a		21 mm	
JB 2000-30-vw-2-b		21 mm	
JB2000-60-vw-1-a		23 mm	
JB2000-60-vw-1-b		23 mm	
JB2000-60-vw-2-a		23 mm	

No performance has been assessed for the other configurations of the JB 2000 EI00 and JB 2000 EI30 internal partition kits.

3.1.3.2.2 Resistance to damage and structural failure from hard body impact load

According to ISO 7892, ISO/DIS 7893 and the modifications as described in EAD guideline 210005-00-0505, the resistance to structural damage and functional failure from hard body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is:

Table 6: Resistance to structural damage from hard body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Use category	Structural damage test criteria
JB2000-00-vw-1-a	IVc	– No complete penetration – **No other dangerous failure**
JB2000-00-vw-1-b		
JB2000-00-vw-1-c		
JB2000-00-vw-1-d		
JB2000-00-vw-1-e		
JB2000-00-vw-1-f		
JB2000-00-vw-1-g		
JB2000-00-vw-1-h		
JB2000-00-vw-1-i		
JB2000-00-vw-1-j		
JB 2000-00-vw-2-a		
JB 2000-00-vw-2-b		
JB 2000-00-vw-2-c		
JB 2000-00-gw-1-a		
JB 2000-00-gw-1-b		
JB 2000-00-gw-1-c		
JB 2000-00-gw-1-d		
JB 2000-00-gw-1-e		
JB 2000-00-gw-4-a		
JB 2000-00-gw-4-b		
JB 2000-00-gw-4-c		
JB 2000-30-vw-1-a		
JB 2000-30-vw-1-b		
JB 2000-30-vw-1-c		
JB 2000-30-vw-1-d		
JB 2000-30-vw-2-a		
JB 2000-30-vw-2-b		
JB2000-60-vw-1-a		
JB2000-60-vw-1-b		
JB2000-60-vw-2-a		

Table 7: Resistance to functional failure from hard body impact load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Use category	Structural damage test criteria	
		Range of diameters of indentation marks	
JB 2000-00-vw-1-a	IV	10 to 13 mm	No functional failure
JB 2000-00-vw-1-b		10 to 13 mm	
JB 2000-00-vw-1-c		10 to 13 mm	
JB 2000-00-vw-1-d		10 to 13 mm	
JB 2000-00-vw-1-e		10 to 13 mm	
JB 2000-00-vw-1-f		10 to 13 mm	
JB 2000-00-vw-1-g		10 to 13 mm	
JB 2000-00-vw-1-h		10 to 13 mm	
JB 2000-00-vw-1-i		10 to 13 mm	
JB 2000-00-vw-1-j		10 to 13 mm	
JB 2000-00-vw-2-a		5 to 7 mm	
JB 2000-00-vw-2-b		5 to 7 mm	
JB 2000-00-vw-2-c		5 to 7 mm	
JB 2000-00-gw-1-a		Not visible	
JB 2000-00-gw-1-b		Not visible	
JB 2000-00-gw-1-c		Not visible	
JB 2000-00-gw-1-d		Not visible	
JB 2000-00-gw-1-e		Not visible	
JB 2000-00-gw-4-a		Not visible	
JB 2000-00-gw-4-b		Not visible	
JB 2000-00-gw-4-c		Not visible	
JB 2000-30-vw-1-a		10 to 13 mm	
JB 2000-30-vw-1-b		10 to 13 mm	
JB 2000-30-vw-1-c		10 to 13 mm	
JB 2000-30-vw-1-d		10 to 13 mm	
JB 2000-30-vw-2-a		5 to 7 mm	
JB 2000-30-vw-2-b		5 to 7 mm	
JB2000-60-vw-1-a		10 to 13 mm	
JB2000-60-vw-1-b		10 to 13 mm	
JB2000-60-vw-2-a		5 to 7 mm	

No performance has been assessed for the other configurations of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits.

3.1.3.3 *Resistance to damage and structural failure from eccentric vertical load*

According to ISO/DIS 8413 and the modifications as described in EAD guideline 210005-00-0505, the resistance to structural damage from eccentric vertical load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is:

Table 8: Resistance to structural damage from eccentric vertical load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Load category	Structural damage test criteria
JB 2000-00-vw-1-a	A	– Increase in residual deflection systematically decreasing – No collapse – No other dangerous failure
JB 2000-00-vw-1-b		
JB 2000-00-vw-1-c		
JB 2000-00-vw-1-d		
JB 2000-00-vw-1-e		
JB 2000-00-vw-1-f		
JB 2000-00-vw-1-g		
JB 2000-00-vw-1-h		
JB 2000-00-vw-1-i		
JB 2000-00-vw-1-j		
JB 2000-30-vw-1-a		
JB 2000-30-vw-1-b		
JB 2000-30-vw-1-c		
JB 2000-30-vw-1-d		
JB 2000-60-vw-1-a		
JB 2000-60-vw-1-b		

Table 9: Resistance to functional failure from eccentric vertical load of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Use category	Structural damage test criteria
JB 2000-00-vw-1-a	A	– Maximum deflection: 1/500 of height or 5 mm – No functional failure
JB 2000-00-vw-1-b		
JB 2000-00-vw-1-c		
JB 2000-00-vw-1-d		
JB 2000-00-vw-1-e		
JB 2000-00-vw-1-f		
JB 2000-00-vw-1-g		
JB 2000-00-vw-1-h		
JB 2000-00-vw-1-i		
JB 2000-00-vw-1-j		
JB 2000-30-vw-1-a		
JB 2000-30-vw-1-b		
JB 2000-30-vw-1-c		
JB 2000-30-vw-1-d		
JB 2000-60-vw-1-a		
JB 2000-60-vw-1-b		

No performance assessed for the other configurations of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits.

3.1.3.4 Resistance to horizontal linear static loads

No performance assessed.

3.1.3.5 Resistance to functional failure from point loads parallel or perpendicular to the surface

According to ISO/DIS 8413, the resistance to functional failure from point loads parallel and perpendicular to the surface of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is:

Table 10: Resistance to f functional failure from point loads parallel or perpendicular to the surface of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Structural damage test criteria
JB 2000-00-vw-1-a	– No pull out – No functional failure
JB 2000-00-vw-1-b	
JB 2000-00-vw-1-c	
JB 2000-00-vw-1-d	
JB 2000-00-vw-1-e	
JB 2000-00-vw-1-f	
JB 2000-00-vw-1-g	
JB 2000-00-vw-1-h	
JB 2000-00-vw-1-i	
JB 2000-00-vw-1-j	
JB 2000-30-vw-1-a	
JB 2000-30-vw-1-b	
JB 2000-30-vw-1-c	
JB 2000-30-vw-1-d	
JB 2000-60-vw-1-a	
JB 2000-60-vw-1-b	

No performance assessed for the other configurations of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits.

3.1.3.6 Rigidity of partitions to be used as a substrate for ceramic tiling

Not relevant

3.1.3.7 Safety against personal injuries by contact

The JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits present no risk of abrasion or cutting people by nature of the surfaces.

3.1.3.8 Resistance to deterioration caused by physical agents

Although no specific evaluation was performed, no deterioration is expected under normal uses.

3.1.3.9 Resistance to deterioration caused by chemical agents

Although no specific evaluation was performed, no deterioration is expected under normal uses.

3.1.3.10 Resistance to deterioration caused by biological agents

Although no specific evaluation was performed, no deterioration is expected under normal uses.

3.1.4 Protection against noise

3.1.4.1 Airborne sound insulation

According to EN ISO 10140-2 and EN ISO 717-1, the sound reduction index of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits covered by this ETA is:

Table 11: Sound reduction index of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits

Configuration	Sound reduction index R_w [dB]
JB2000-00-vw-1-a	48
JB2000-00-vw-1-b	48
JB2000-00-vw-1-c	49
JB2000-00-vw-1-d	49
JB2000-00-vw-1-e	51
JB2000-00-vw-1-f	51
JB2000-00-vw-1-g	54
JB2000-00-vw-1-h	54
JB2000-00-vw-1-i	57
JB2000-00-vw-1-j	57
JB2000-00-vw-2-a	48
JB2000-00-vw-2-b	52
JB2000-00-vw-2-c	52
JB2000-00-vw-3-a	39
JB2000-00-vw-3-b	33
JB2000-00-vw-4-a	37
JB2000-00-vw-4-b	32
JB2000-00-vw-4-c	45
JB2000-00-vw-4-d	47
JB2000-00-vw-4-e	51
JB2000-00-vw-4-f	48
JB2000-00-gw-1-a	39
JB2000-00-gw-1-b	42
JB2000-00-gw-1-c	45
JB2000-00-gw-1-d	46
JB2000-00-gw-1-e	48
JB2000-00-gw-4-a	39

Configuration	Sound reduction index R_w [dB]
JB2000-00-gw-4-b	42
JB2000-00-gw-4-c	45
JB2000-30-vw-1-a	49
JB2000-30-vw-1-b	49
JB2000-30-vw-1-c	51
JB2000-30-vw-1-d	51
JB2000-30-vw-2-a	52
JB2000-30-vw-2-b	52
JB2000-30-gw-1-a	37
JB2000-60-vw-1-a	43
JB2000-60-vw-1-b	43
JB2000-60-vw-2-a	50

3.1.4.2 Sound absorption

According to EN ISO 354 and EN ISO 11654, the sound absorption coefficient of the JB 2000 EI00 internal partition kits covered by this ETA is:

Table 12: Sound absorption coefficient of the JB 2000 EI00 internal partition kits

Configuration	Sound absorption coefficient a_w
JB 2000-00-vw-3-a	0,20
JB 2000-00-vw-3-b	0,20
JB 2000-00-vw-4-a	0,95
JB 2000-00-vw-4-b	0,85
JB 2000-00-vw-4-c	0,50
JB 2000-00-vw-4-d	0,50
JB 2000-00-vw-4-e	0,50
JB 2000-00-vw-4-f	0,50

No performance assessed for the other configurations of the JB 2000 EI00, JB 2000 EI30 and JB 2000 EI60 internal partition kits.

3.1.5 Energy economy and heat retention

3.1.5.1 Thermal resistance

No performance assessed.

3.1.5.2 Thermal inertia

No performance assessed.

4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

NOTE: In accordance with Regulation (EU) N° 305/2011, Directive 89/106/EEC is repealed, but references to the repealed Directive shall be construed as references to the Regulation.

According to the European Commission Decision 1998/0213/EC, system 4 of attestation of conformity applies.

The systems to be applied have been specified in Table 13.

Table 13: Systems of assessment and verification of constancy of performance

Product(s)	Intended use(s)	Level(s) or class(es)	AVCP system(s) [a]
Internal partition kits	for uses subject to reaction to fire requirements	A*, B*, C*	1
		A**, B**, C**	3
		A (without testing), A, E, F	4
	For fire compartmentation	Any	3
	For uses subject to regulations on dangerous substances***	/	3
	For uses liable to present "safety-in-use" risks and subject to such regulations	/	3
	For uses other than those mentioned above	/	4

[a] See Annex V to Regulation (EU) N° 305/2011

* Materials for which the reaction to fire performance is susceptible to change during the production process

** Materials for which the reaction to fire performance is not susceptible to change during the production process

*** In particular those dangerous substances defined in Council Directive 76/769/EEC, as amended.

5 Technical details necessary for the implementation of the AVCP system

5.1 Tasks for the ETA-holder

5.1.1 Factory production control (FPC)

5.1.1.1 General

The manufacturer shall establish, document and maintain a FPC system to ensure that the products placed on the market conform to the stated performance characteristics. The FPC system shall consist of procedures, regular inspections and tests and/or assessments and the use of the results to control raw and other incoming materials or components, equipment, the production process and the product.

A FPC system conforming with the requirements of EN ISO 9001, and made specific to the requirements of this ETA, is considered to satisfy the above requirements.

The results of inspections, tests or assessments requiring action shall be recorded, as shall any action taken. The action to be taken when control values or criteria are not met shall be recorded.

5.1.1.2 Equipment

All weighing, measuring and testing equipment shall be calibrated and regularly inspected according to documented procedures, frequencies and criteria.

5.1.1.3 Raw materials and components

The specifications of all incoming raw materials and components shall be documented, as shall the inspection scheme for ensuring their conformity.

5.1.1.4 Non-conforming products

In the event of any non-conformity of any product, that product shall be placed into quarantine and action taken to rectify the cause of the non-conformity. Products may not subsequently be dispatched until the problem has been resolved.

5.1.1.5 Tests and frequencies

All the elements, requirements and provisions adopted by the manufacturer are documented in a systematic manner in the form of written policies and procedures. This production control system ensures that the product is in conformity with the European Technical Assessment (ETA).

5.2 Tasks for the Technical Assessment Body

5.2.1 Assessment of the performance of the construction product

Assessment of the partition kits has been conducted under the responsibility by the assessment body (UBAtc on the basis of EAD guideline 210005-00-0505. These assessment results should be used for the purposes of assessment of the performance of the construction product in accordance with Regulation (EU) N° 305/2011, Annex V, clause 1.6.

5.2.2 Assessment of the factory production control - Initial inspection and continuous surveillance

Assessment of the FPC is the responsibility of a Notified Body. An assessment shall be carried out on the required manufacturing steps of each manufacturing plant to demonstrate that the factory production control is in conformity with the ETA and any subsidiary information. This assessment is based on an initial inspection of the factory.

6 Bibliography

- EAD guideline 210005-00-0505 – Internal partition kits for use as non-load bearing walls
- EN ISO 10140-2:2010 Acoustics - Measurement of sound insulation in buildings and of building elements - Part 2: measurement of airborne sound insulation
- EN ISO 354:2003 Acoustics - Measurement of sound absorption in a reverberation room
- EN 515: 1993 Aluminium and aluminium alloys - Wrought products - Temper designations
- EN 520:2004+A1:2009 Gypsum plasterboards - Definitions, requirements and test methods
- EN 573-1:2004 Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 1: Numerical designation system
- EN ISO 717-1:1996 Acoustics - Rating of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation
- EN ISO 717-1:1996/A1:2006 Acoustics - Rating of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation - Amendment 1: Rounding rules related to single number ratings and single number quantities
- ISO 7892 :1988 Vertical building elements -- Impact resistance tests -- Impact bodies and general test procedures
- ISO/DIS 7893 :1990Performance standards in building – Partitions made of components – Impact resistance tests
- ISO/DIS 8413 :1990Performance standards in building – Partitions made of components – Tests for ability to withstand suspended static loads
- EN 10147 :2000 Continuously hot-dip zinc coated structural steel sheet and strip – Technical delivery conditions
- EN 10152 :2009 Electrolytically zinc coated cold rolled steel flat products for cold forming - Technical delivery conditions
- EN 10327:2004 Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions
- EN ISO 11654:1997 Acoustics - Sound absorbers for use in buildings - Rating of sound absorption
- EN 12150-1:2000 Glass in building - Thermally toughened soda lime silicate safety glass - Part 1: Definition and description
- EN 12600:2002 Glass in building - Pendulum test - Impact test method and classification for flat glass
- EN 13162:2008 Thermal insulation products for buildings - Factory made mineral wool (MW) products – Specification
- EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
- EN 13501-2:2007+A1:2009 Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services
- EN 13986:2004 Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking
- EN 14449:2005 Glass in building - Laminated glass and laminated safety glass - Evaluation of conformity/Product standard
- EN 14449:2005/AC:2005 Glass in building - Laminated glass and laminated safety glass - Evaluation of conformity/Product standard.

UBAtc asbl is a non-profit organization according to Belgian law. It is a Technical Assessment Body notified by the Belgian notifying authority, the Federal Public Services Economy, SMEs, Self-Employed and Energy, on 17 July 2013 in the framework of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC and is member of the European Organisation for Technical Assessment, EOTA (www.eota.eu).

This European Technical Assessment has been issued by UBAtc asbl, in Sint-Stevens-Woluwe, on the basis of the technical work carried out by the Assessment Operator, BCCA.

On behalf of UBAtc asbl,

Eric Winnepenninckx
secretary general

Benny De Blaere,
director

On behalf of the Assessment Operator, BCCA,
responsible for the technical content of the ETA,

Olivier Delbrouck,
director general

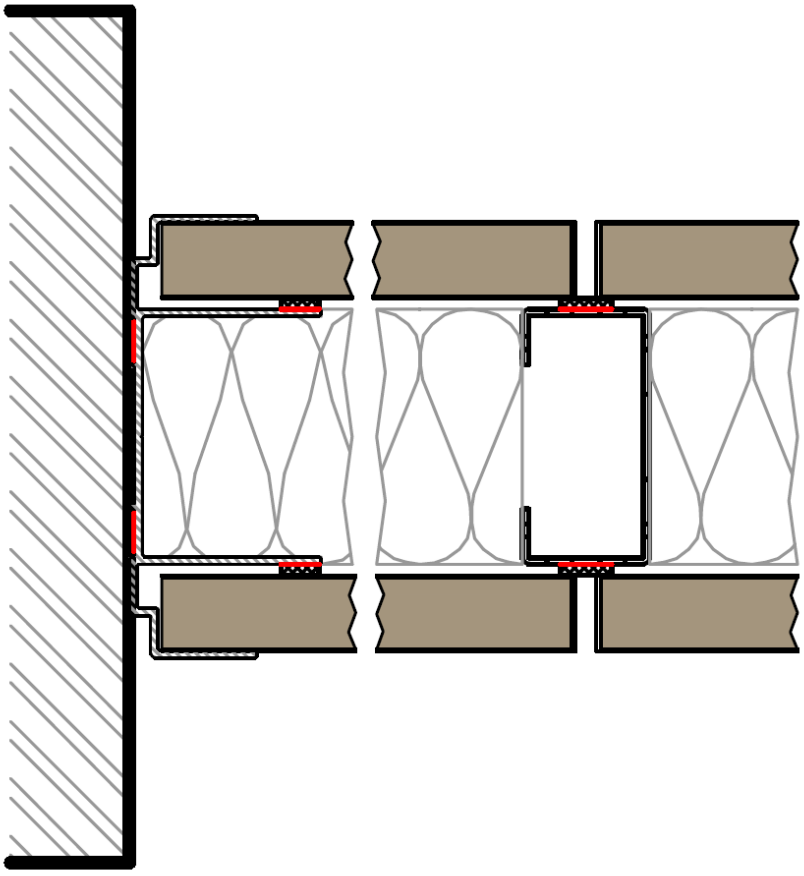
The most recent version of this European Technical Assessment may be consulted on the UBAtc website (www.ubatc.be).

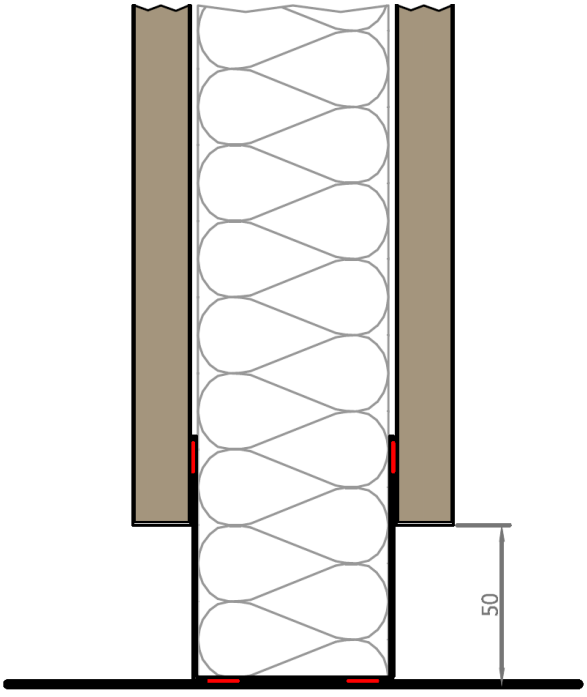
ANNEX A: DESCRIPTION OF THE COMPONENTS USED FOR THE JB 2000 EI00, JB 2000 EI30 AND JB 2000 EI60 KIT VERSIONS COVERED BY THIS ETA

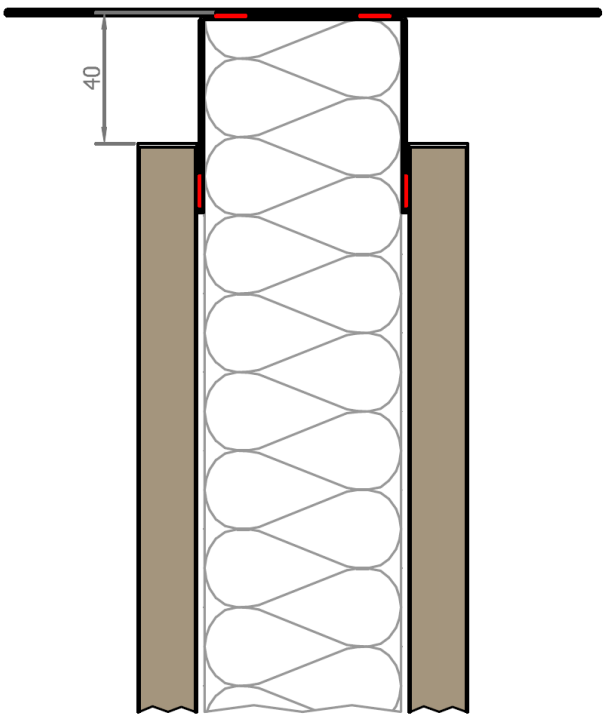
JB2000-00-VW-1-a Opaque partition, 18mm thick particle board panels			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-a

Opaque partition, 18mm thick particle board panels



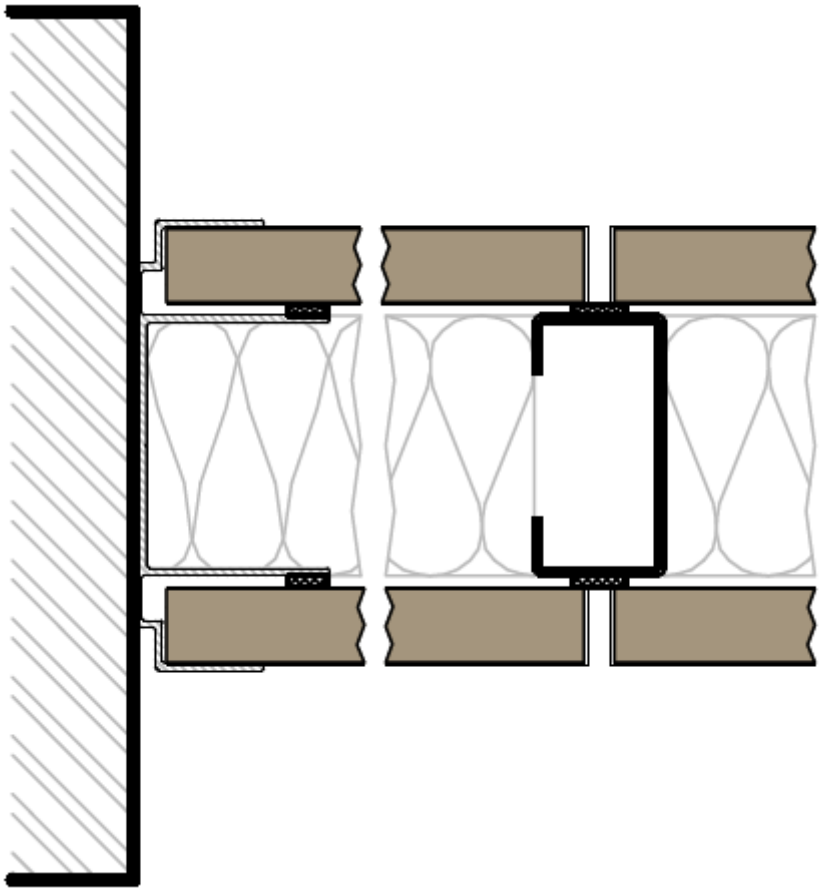


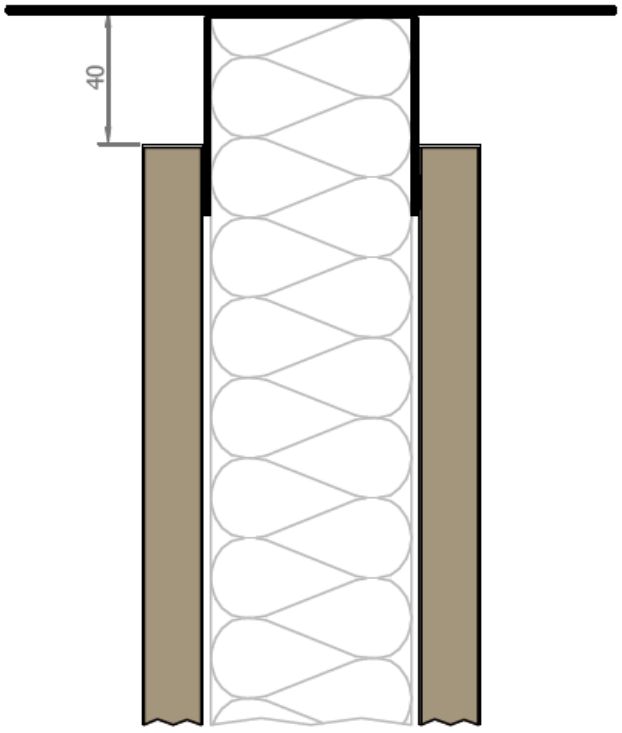


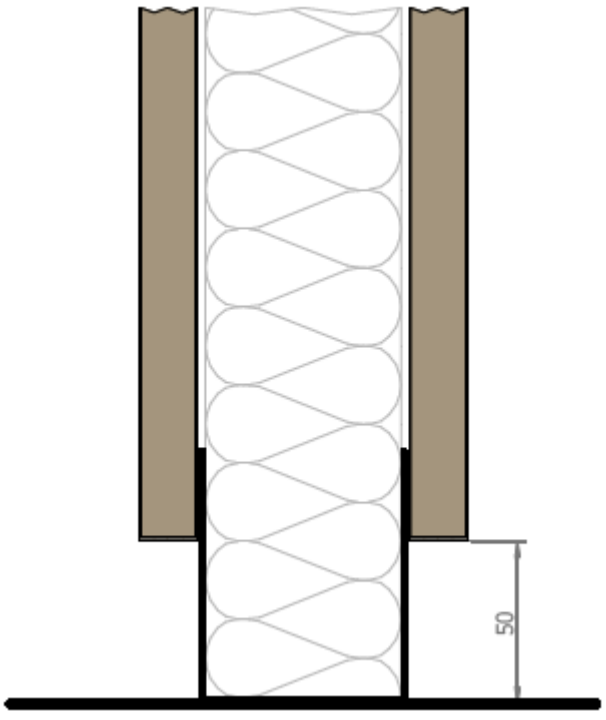
JB2000-00-VW-1-b Opaque partition, 18mm thick particle board panels, Antivlam			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-b

Opaque partition, 18mm thick particle board panels, Antivlam



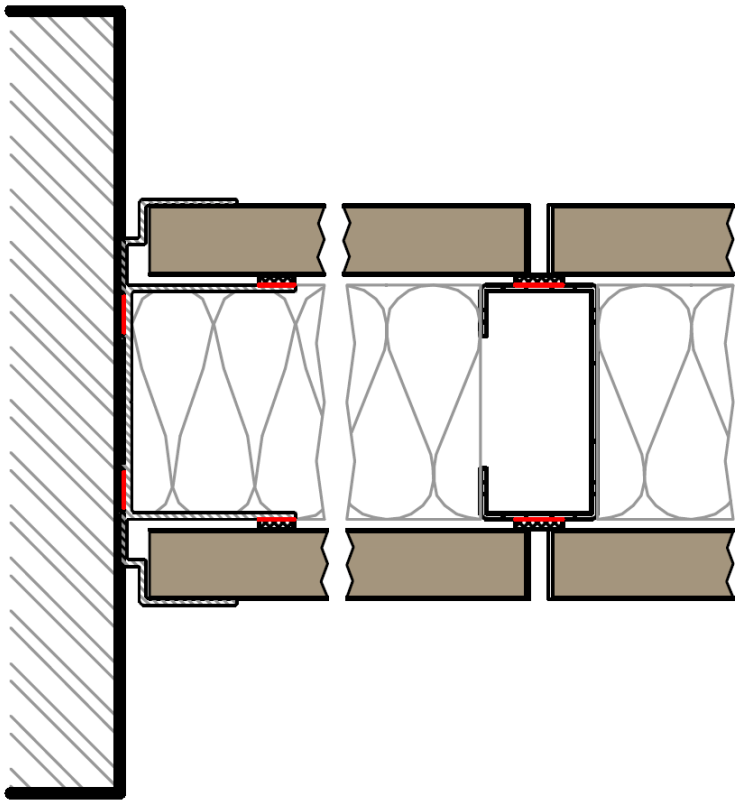


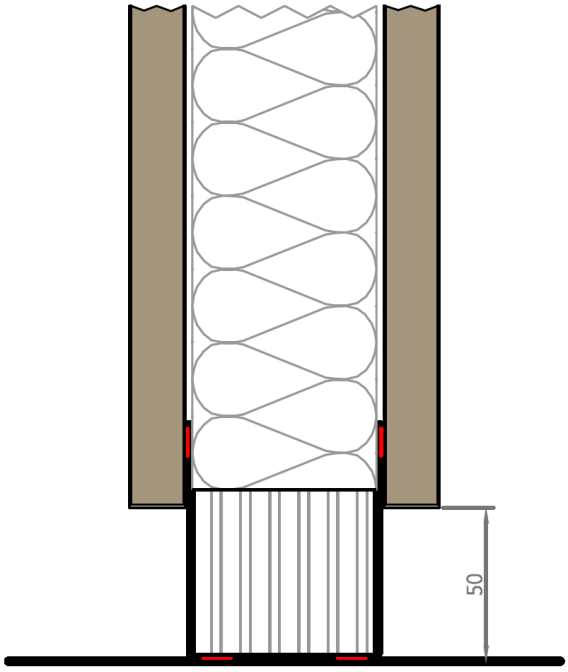


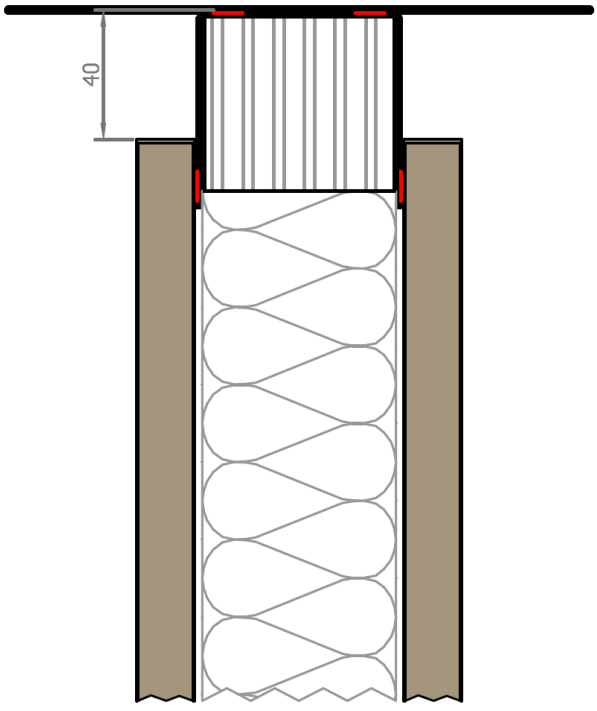
JB2000-00-VW-1-c Opaque partition, 18mm thick particle board panels, wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-c

Opaque partition, 18mm thick particle board panels, wooden top and bottom chock



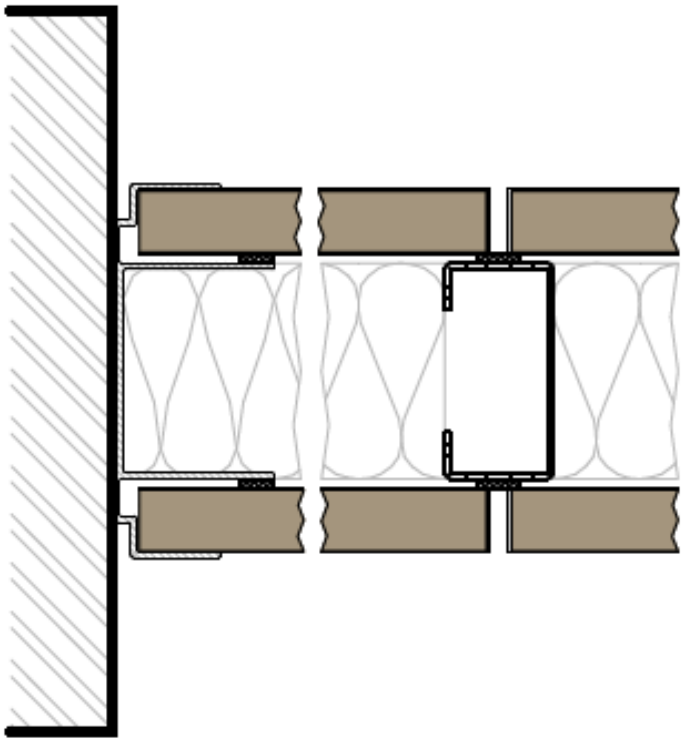


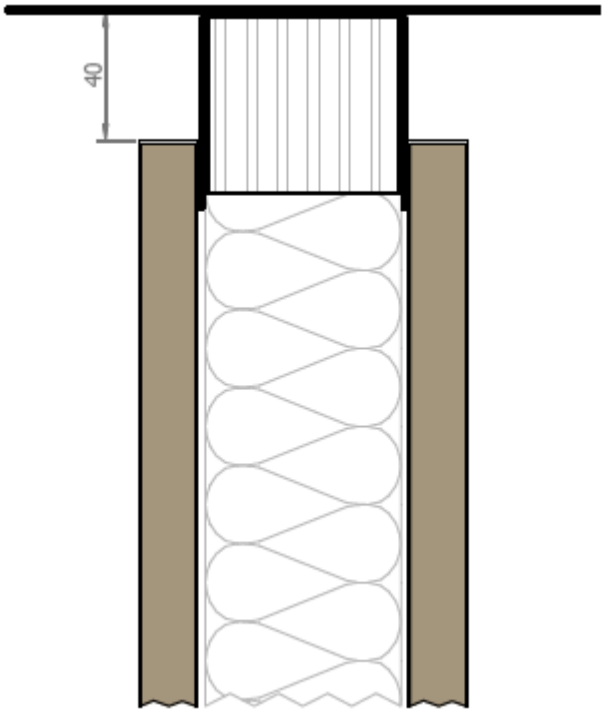


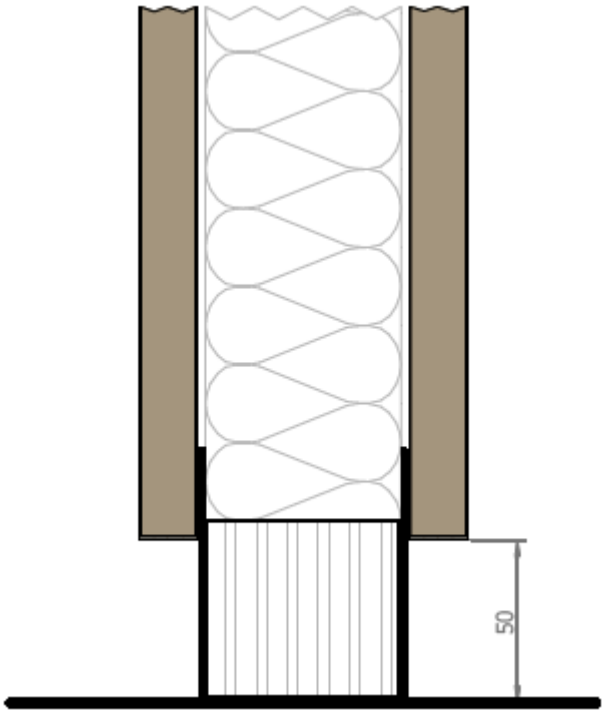
JB2000-00-VW-1-d Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E.
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-d

Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock



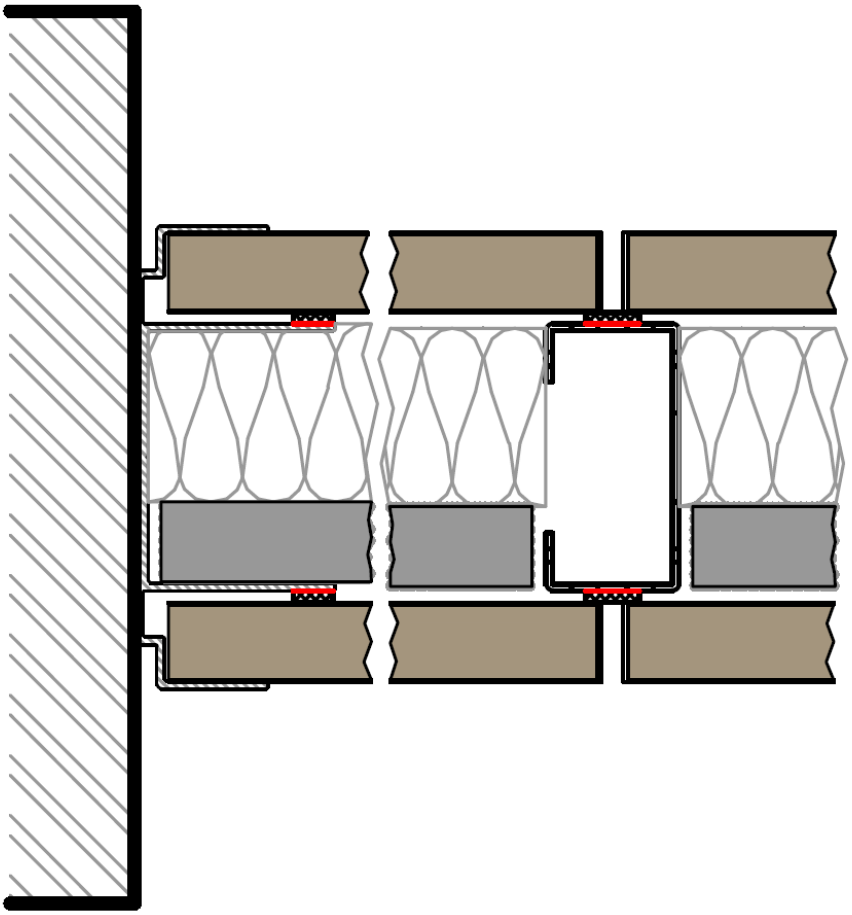


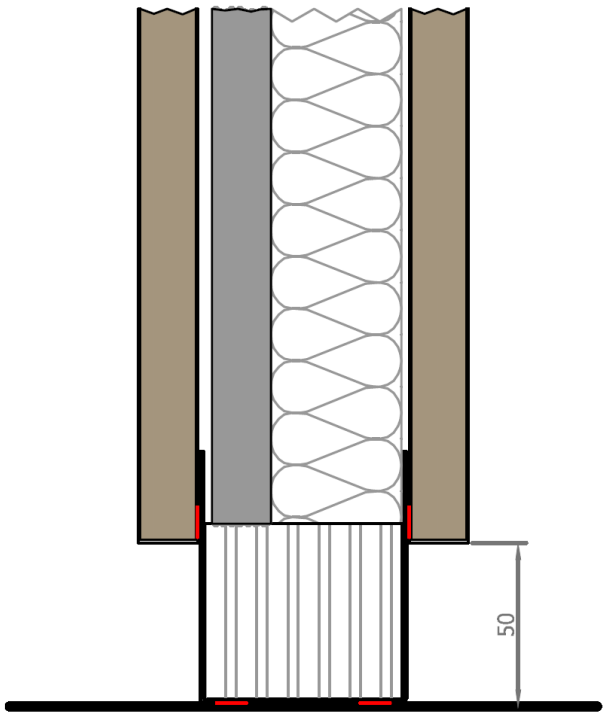


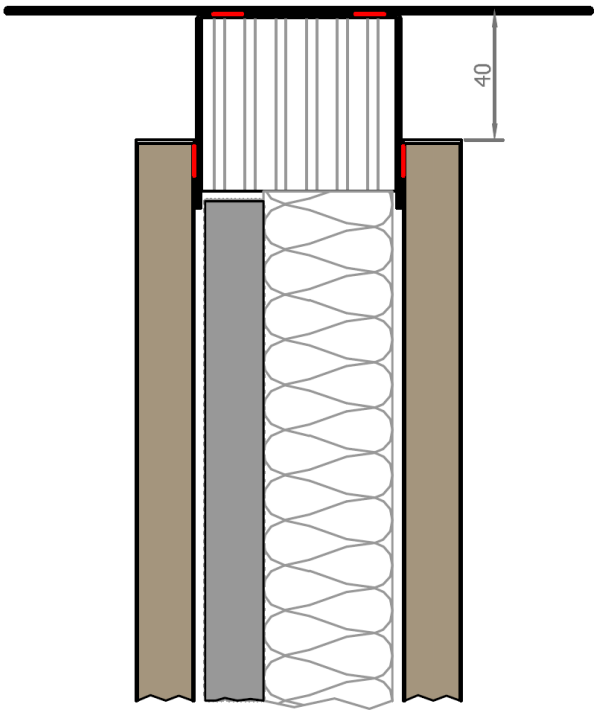
JB2000-00-VW-1-e Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, gypsum board 18mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2,formaldehyde class E
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
810	Gypsum board 18mm	EN 520	Knauf® GKB A18 gypsum board, or equivalent
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-e

Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, gypsum board 18mm



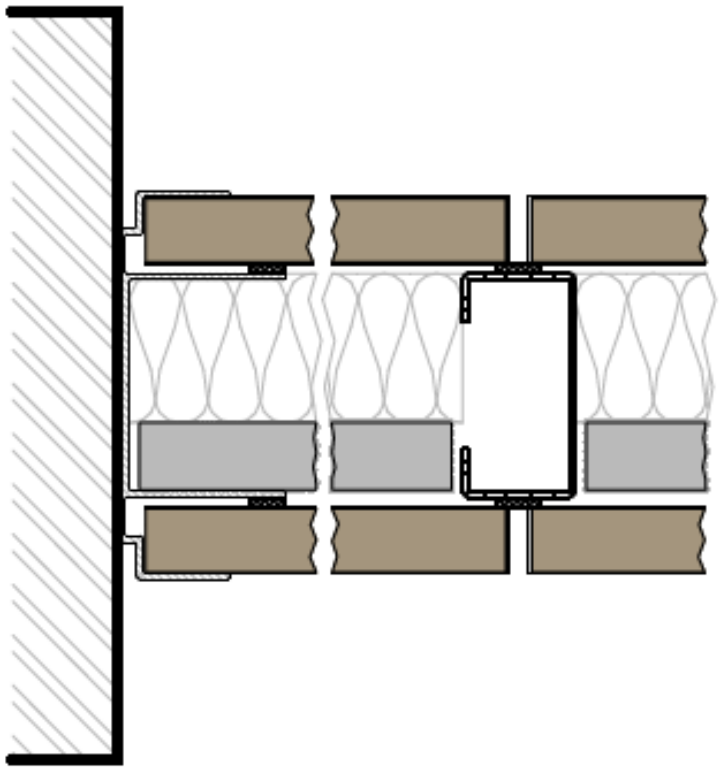


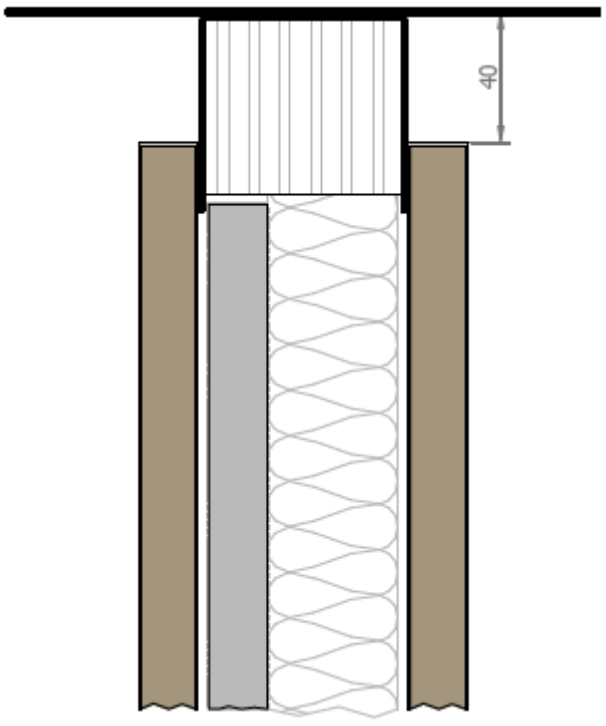


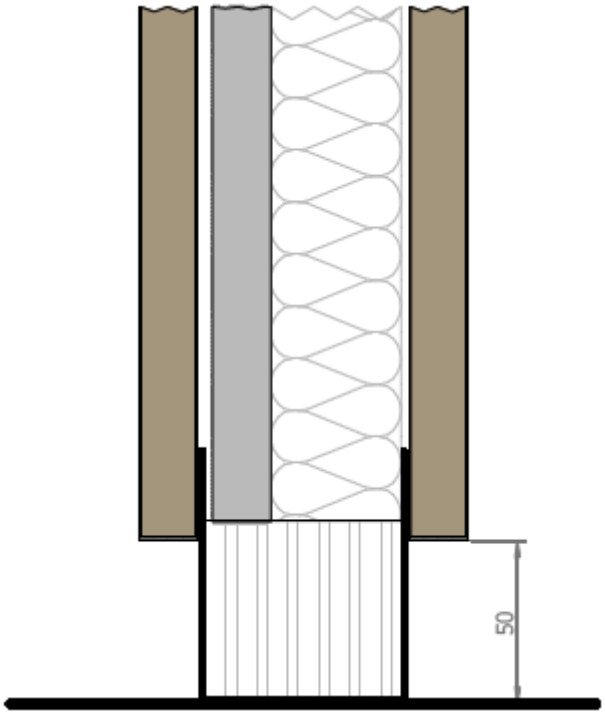
JB2000-00-VW-1-f Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock, gypsum board 18mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³. technical class P2, formaldehyde class E1.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile.
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = ca 650kg/m³.
810	Gypsum board 18mm	EN 520	Knauf GKB A18 gypsum board
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = ca 55kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-00-VW-1-f

Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock, gypsum board 18mm



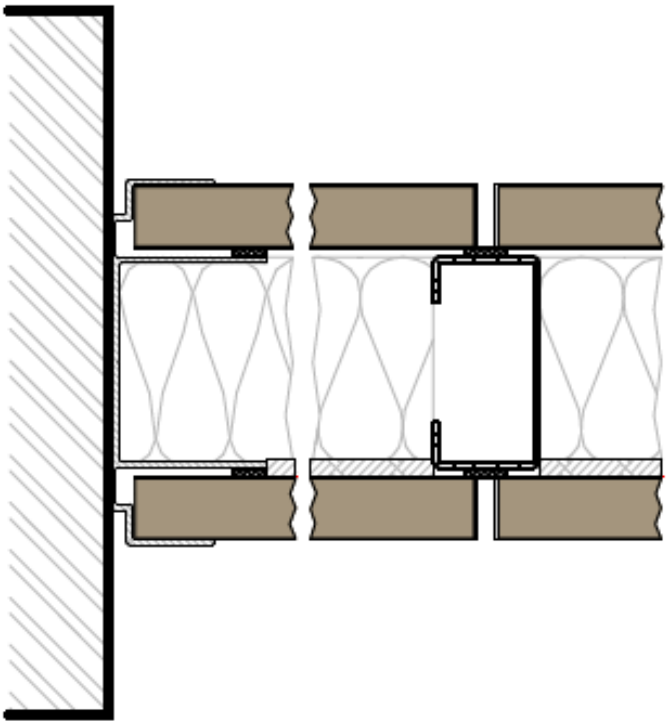


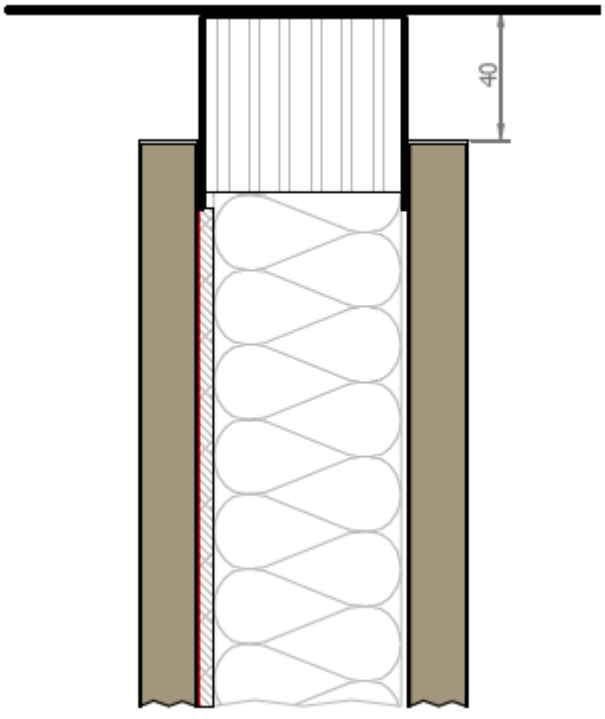


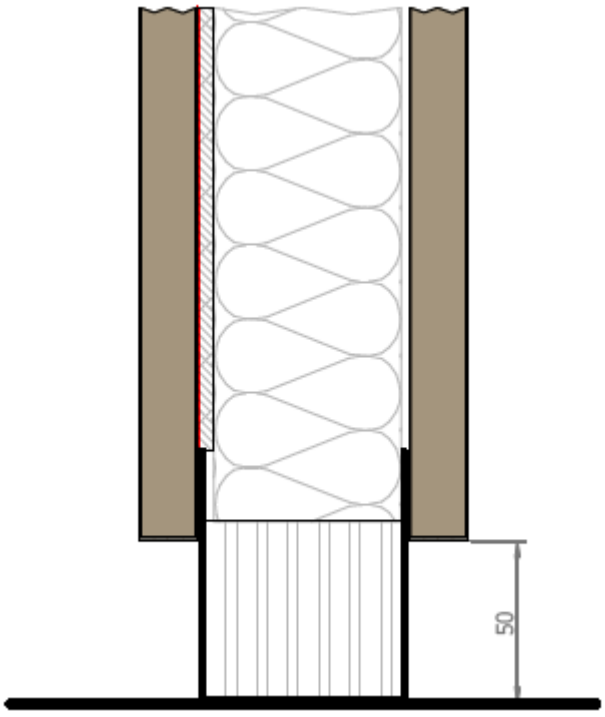
JB2000-00-VW-1-g Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, one-sided acoustic membrane			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded profile. Aluminium
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = ca 650kg/m³.
851	INSULATION ROCKWOOL 50mm	EN 520	Mineral wool board Rockwool type 211, density = ca 45kg/m³
950	FOAM RUBBER STRIP 3x9mm	EN 13162	Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2148	ACOUSTIC MEMBRANE 5mm		High-density, polymer-based, synthetic soundproofing membrane 10 kg/m²
Drawing: see next page			

JB2000-00-VW-1-g

Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, one-sided acoustic membrane



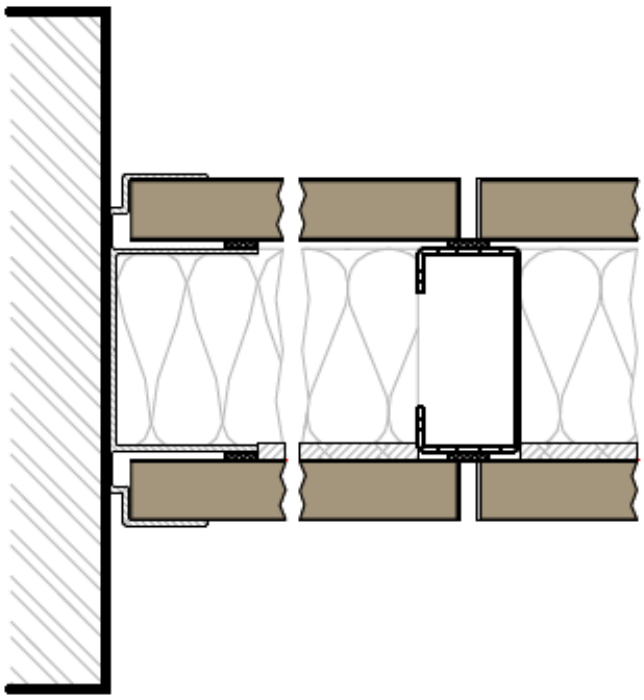


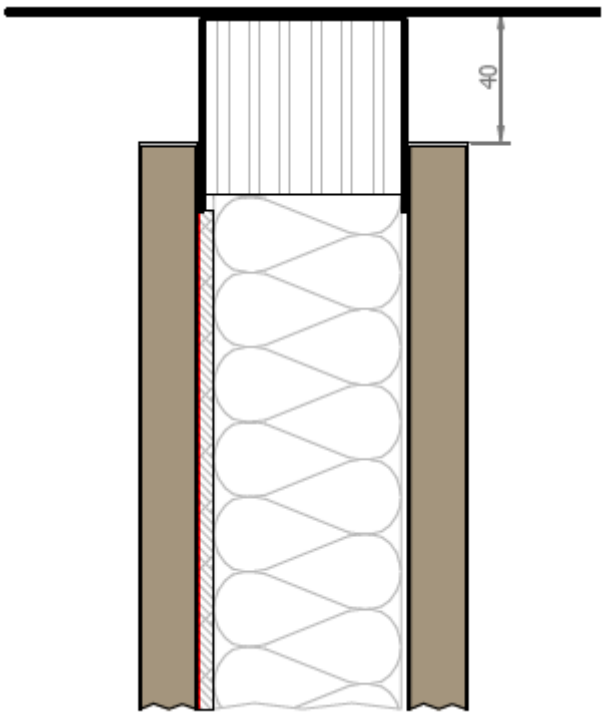


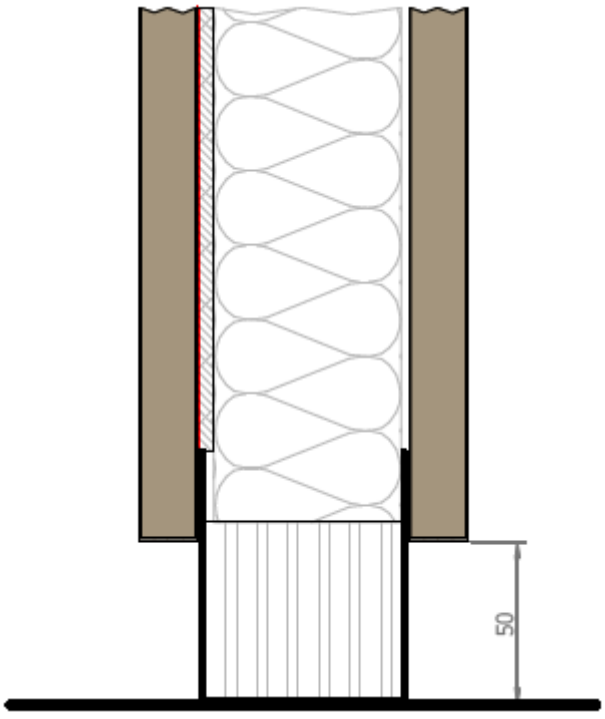
JB2000-00-VW-1-h Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock, one-sided acoustic membrane			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coatedPolyester powdercoating ca 100 mu.
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³
153	SECTION STUD JB2	EN 10147	Steel, 1,5mm thick
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 AW-6060 T6 F22	Extruded profile. Aluminium
415	PANEL HOOK LEFT	EN 10327	Steel, 2mm thick
416	PANEL HOOK RIGHT	EN 10327	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE	EN 10152 - DC01+ZE25/25	Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm	EN 520	Steel, zinc coated.
507	WASHER 6,4x18mm	EN 13162	Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = ca 650kg/m³
851	INSULATION ROCKWOOL 50mm		Mineral wool board Rockwool type 211, density = ca 45kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2148	ACOUSTIC MEMBRANE 5mm		High-density, polymer-based, synthetic soundproofing membrane 10 kg/m²
Drawing: see next page			

JB2000-00-VW-1-h

Opaque partition, 18mm thick particle board panels, Antivlam, wooden top and bottom chock, one-sided acoustic membrane



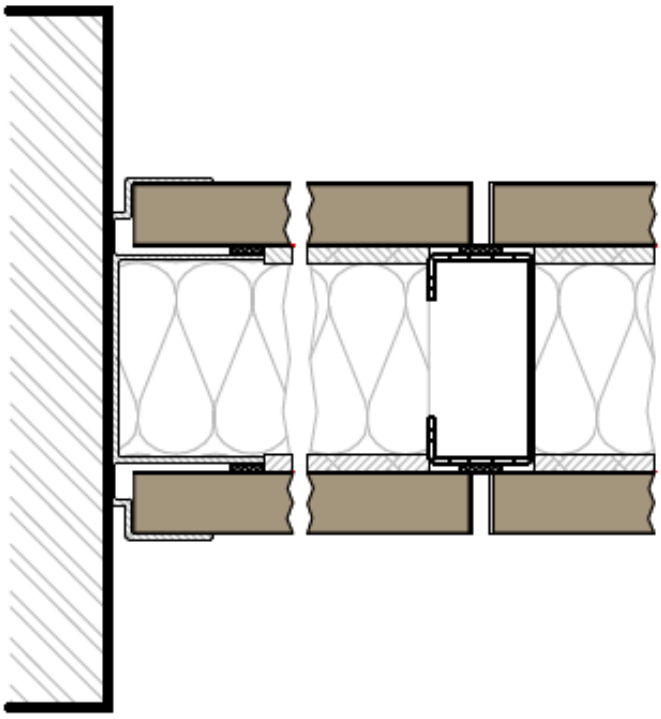


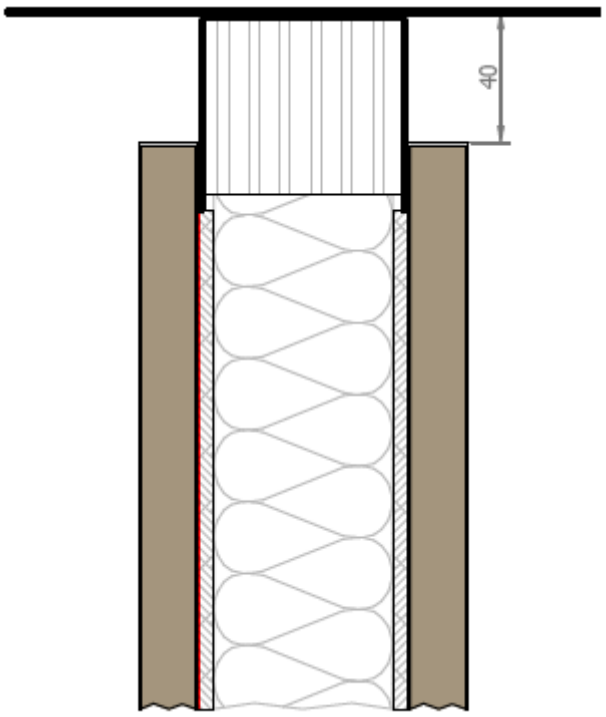


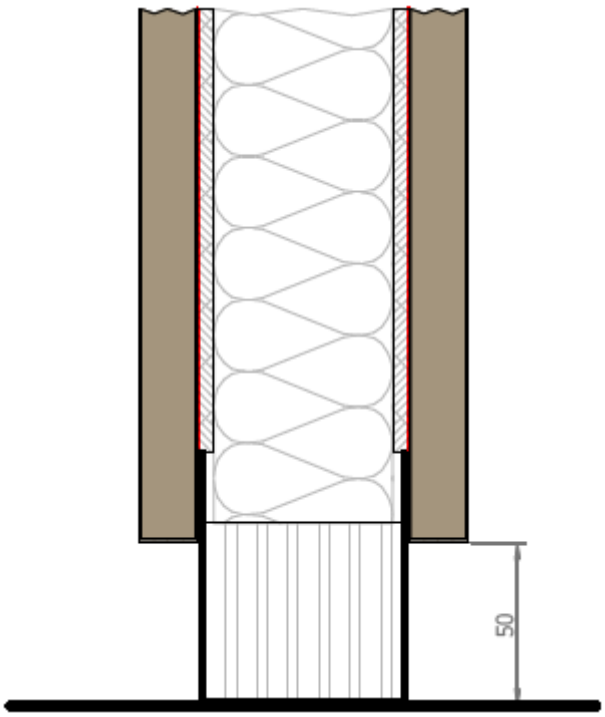
JB2000-00-VW-1-i Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, two-sided acoustic membrane			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded profile. Aluminium
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = ca 650kg/m³.
851	INSULATION ROCKWOOL 50mm	EN 520	Mineral wool board Rockwool type 211, density = ca 45kg/m³
950	FOAM RUBBER STRIP 3x9mm	EN 13162	Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2148	ACOUSTIC MEMBRANE 5mm		High-density, polymer-based, synthetic soundproofing membrane 10 kg/m²
Drawing: see next page			

JB2000-00-VW-1-i

Opaque partition, 18mm thick particle board panels, wooden top and bottom chock, two-sided acoustic membrane



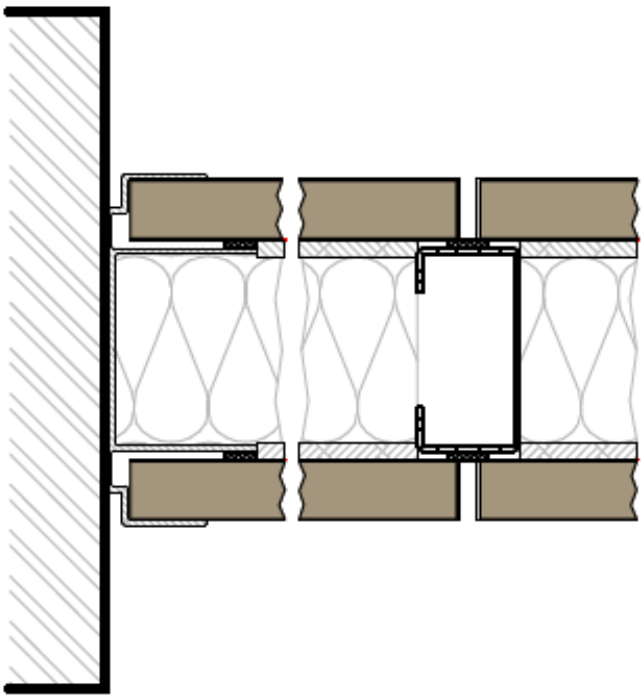


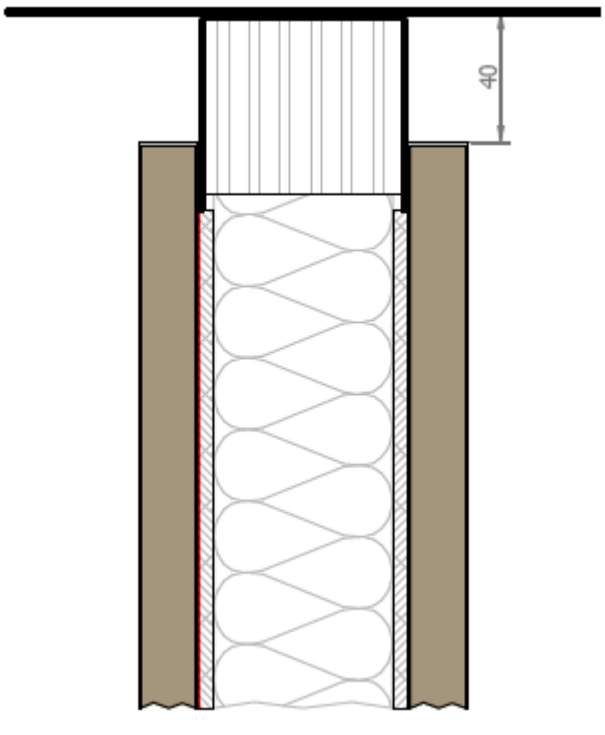


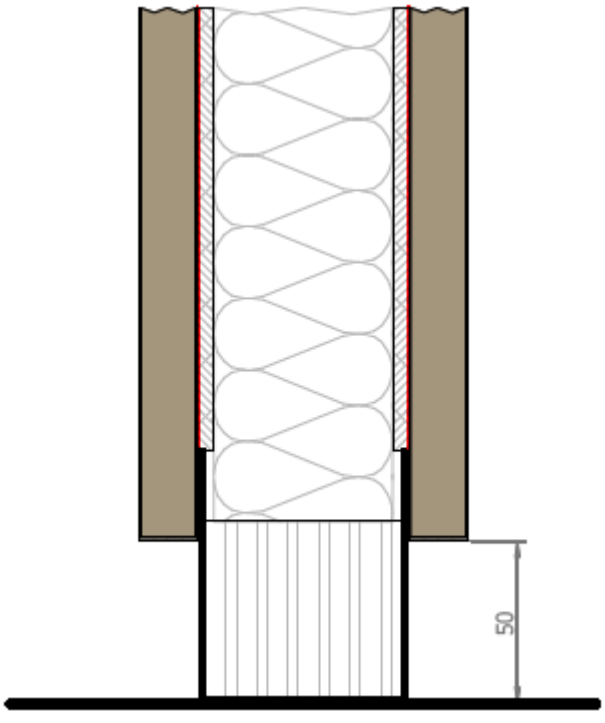
JB2000-00-VW-1-j Opaque partition, 18mm thick particle board panels, antivlam, wooden top and bottom chock, two-sided acoustic membrane			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded profile. Aluminium
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = ca 650kg/m³
851	INSULATION ROCKWOOL 50mm	EN 520	Mineral wool board Rockwool type 211, density = ca 45kg/m³
950	FOAM RUBBER STRIP 3x9mm	EN 13162	Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2148	ACOUSTIC MEMBRANE 5mm		High-density, polymer-based, synthetic soundproofing membrane 10 kg/m²
Drawing: see next page			

JB2000-00-VW-1-j

Opaque partition, 18mm thick particle board panels, antivlam, wooden top and bottom chock, two-sided acoustic membrane



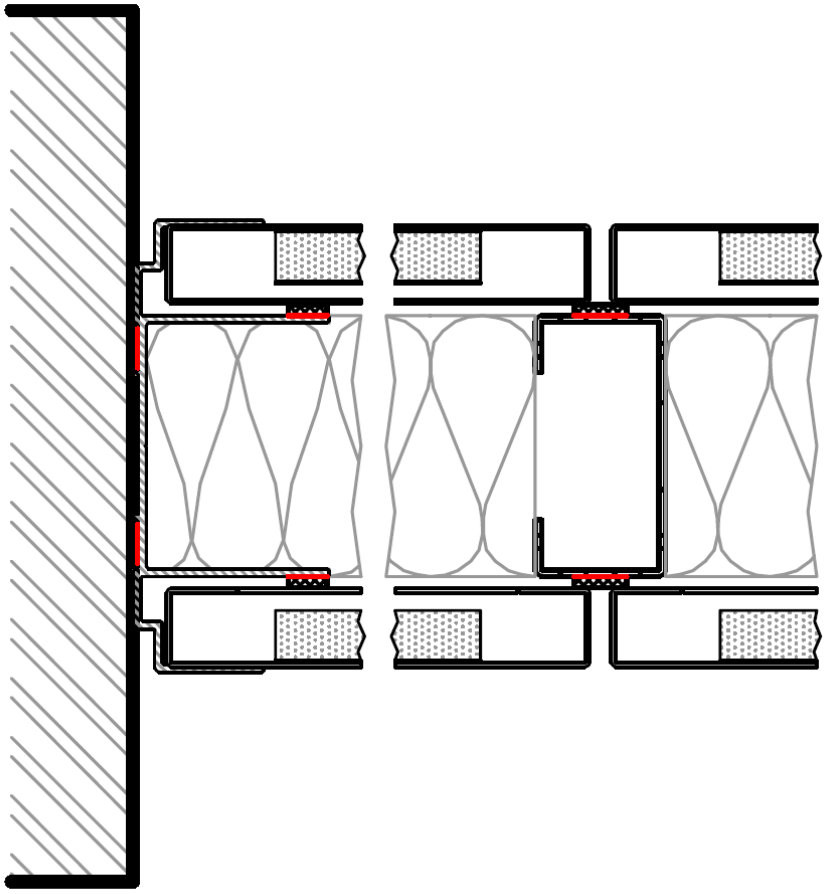


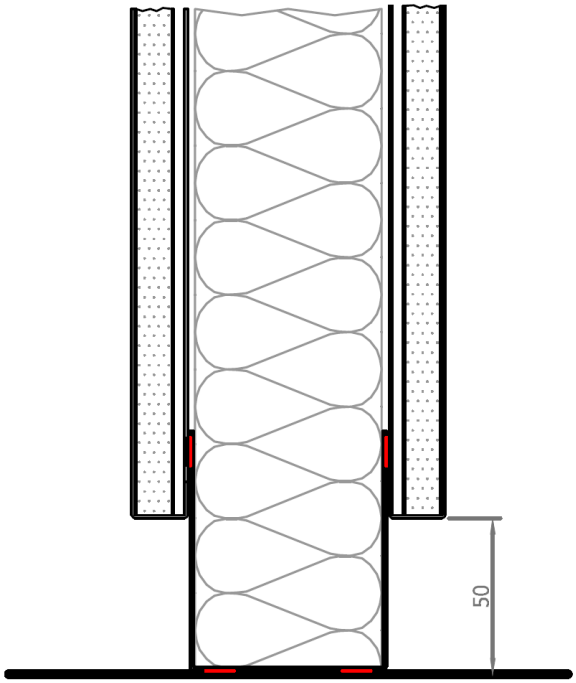


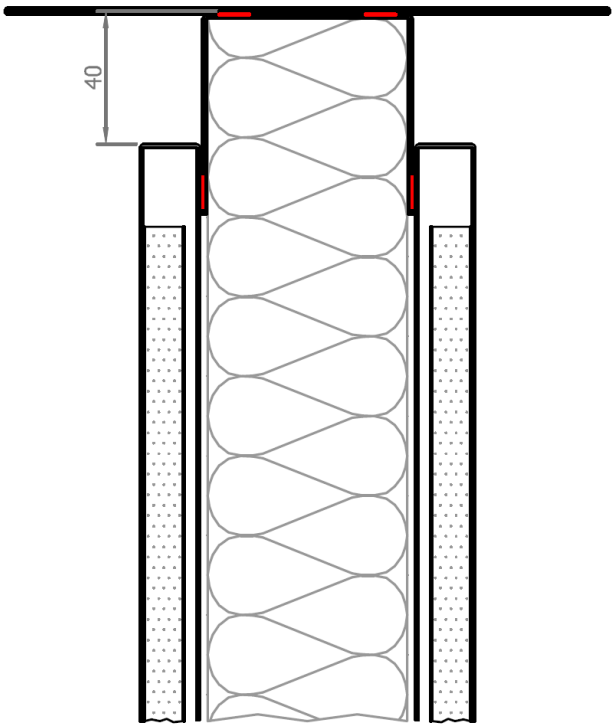
JB2000-00-VW-2-a Opaque partition, panels steel 1mm + gypsumboard 12,5mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one
Drawing: see next page			

JB2000-00-VW-2-a

Opaque partition, panels steel 1mm + gypsumboard 12,5mm



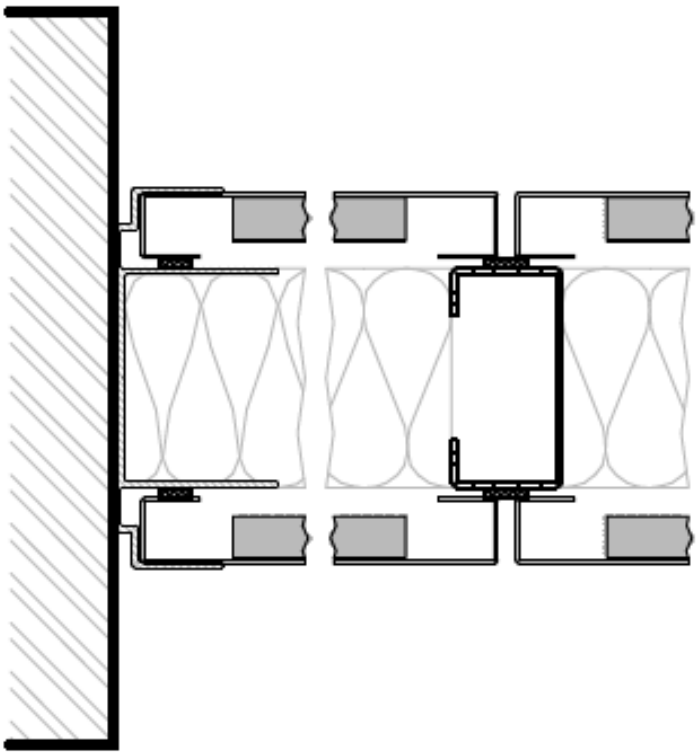


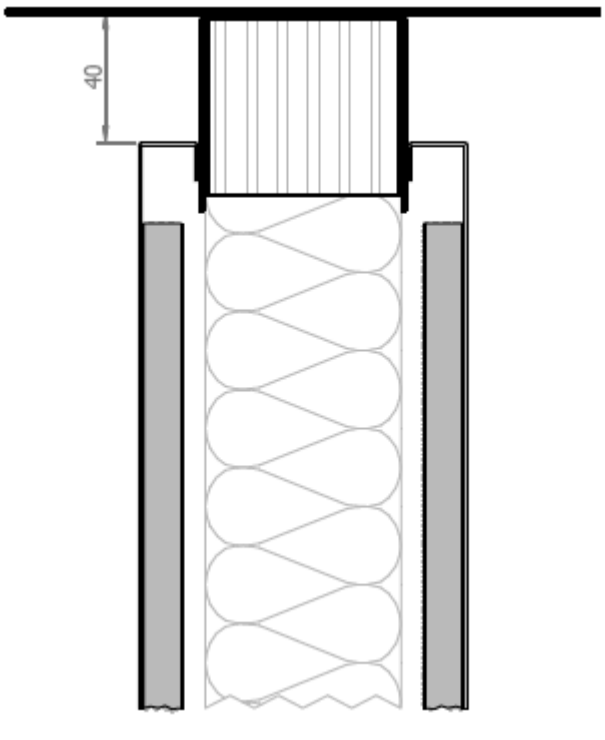


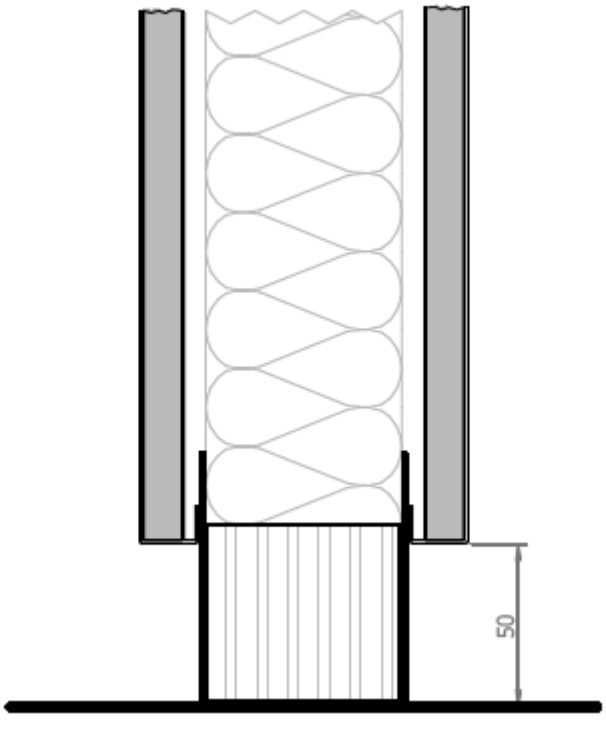
JB2000-00-VW-2-b Opaque partition, panels steel 1mm + gypsumboard 12,5mm,wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm		Particle board 18mm thick, 3 glued layers, density = ca 650kg/m³. EN 13986: technical class P2, formaldehyde classa E1.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one
Drawing: see next page			

JB2000-00-VW-2-b

Opaque partition, panels steel 1mm + gypsumboard 12,5mm,wooden top and bottom chock



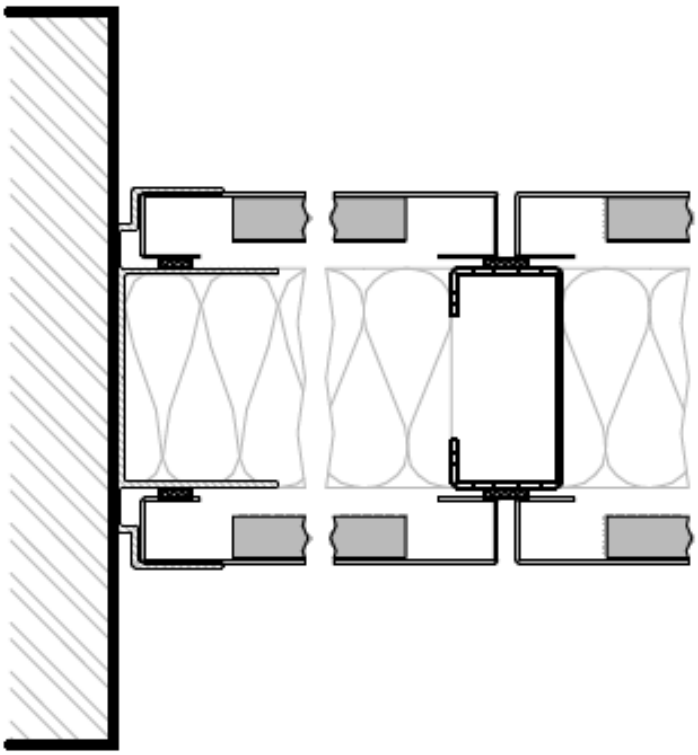


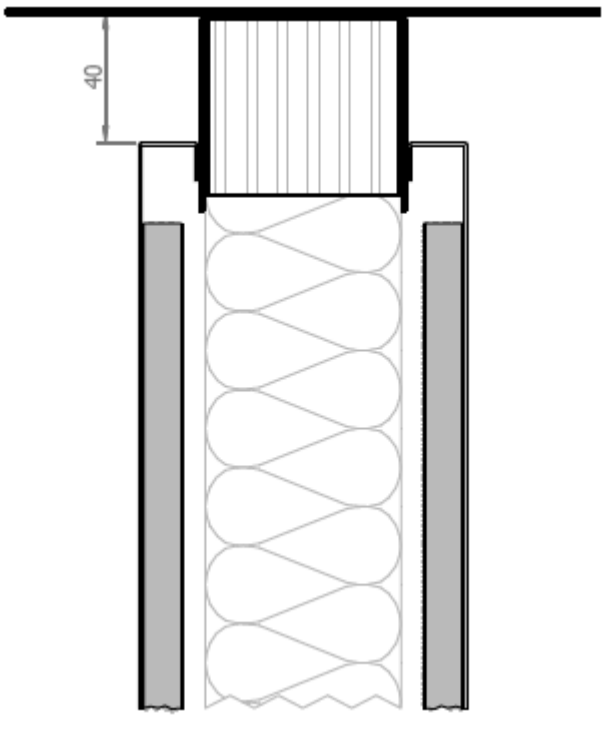


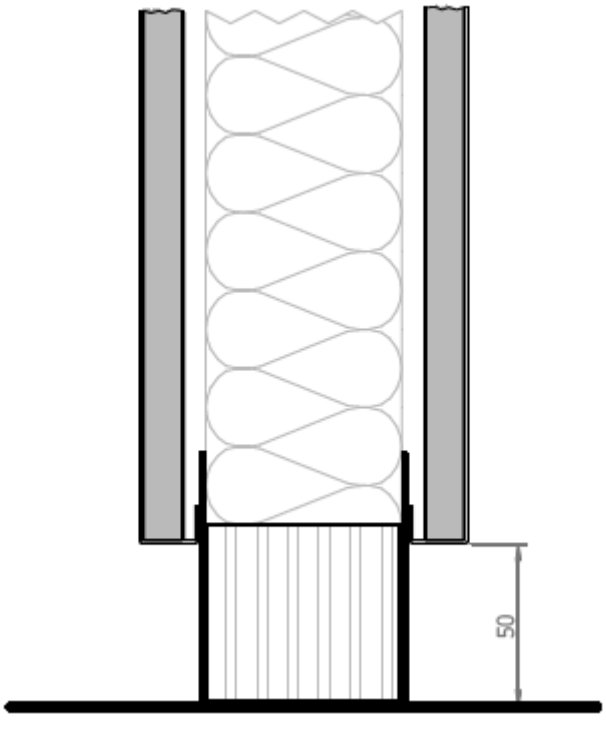
JB2000-00-VW-2-c Opaque partition, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
1956	CHOCK JB2 54x60mm MgO		Magnesiumoxide density = ca 1050kg/m³
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one
Drawing: see next page			

JB2000-00-VW-2-c

Opaque partition, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock



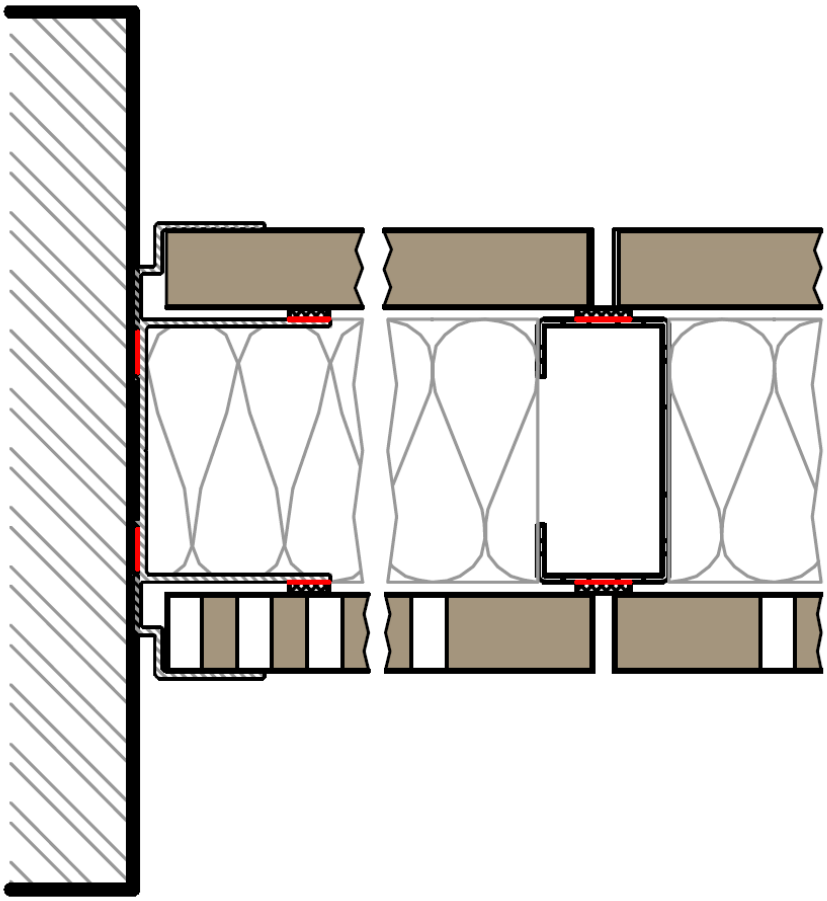


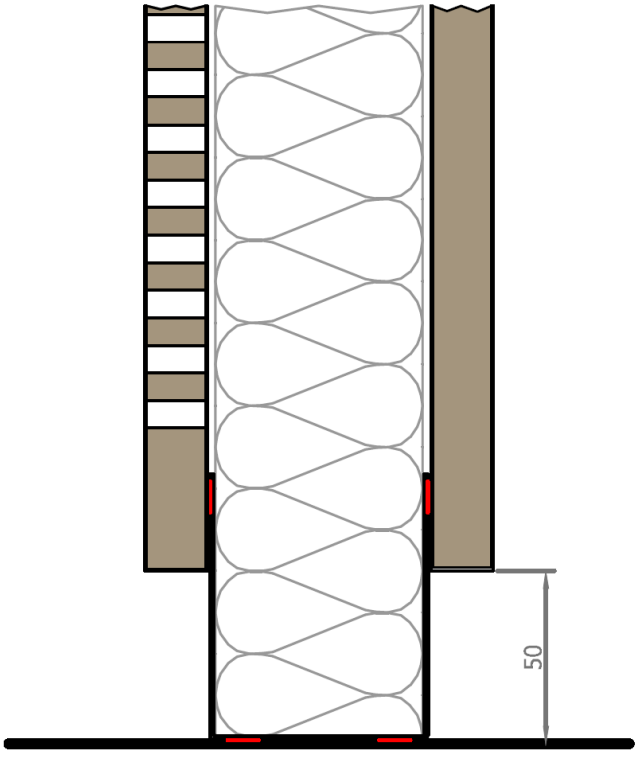


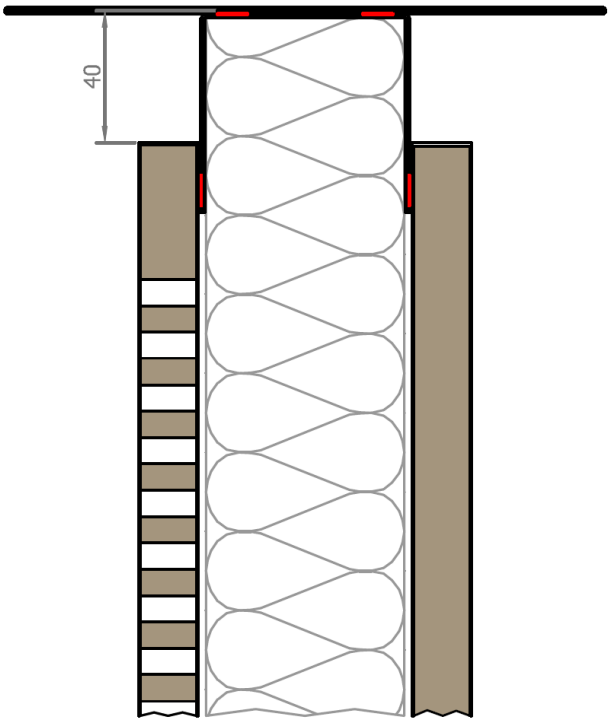
JB2000-00-VW-3-a Opaque partition, perforated MDF 18mm / cavity / particle board 18mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2,formaldehyde class E1
815	Acoustic membrane		Lantor 3103 M, viscose, approx. 0,4mm thick, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1136	MDF 18mm, perforations Ø8mm, 4,9%	EN 13986	MDF 18mm thick, density = approx. 730kg/m³, formaldehyde class E1
Drawing: see next page			

JB2000-00-VW-3-a

Opaque partition, perforated MDF 18mm / cavity / particle board 18mm



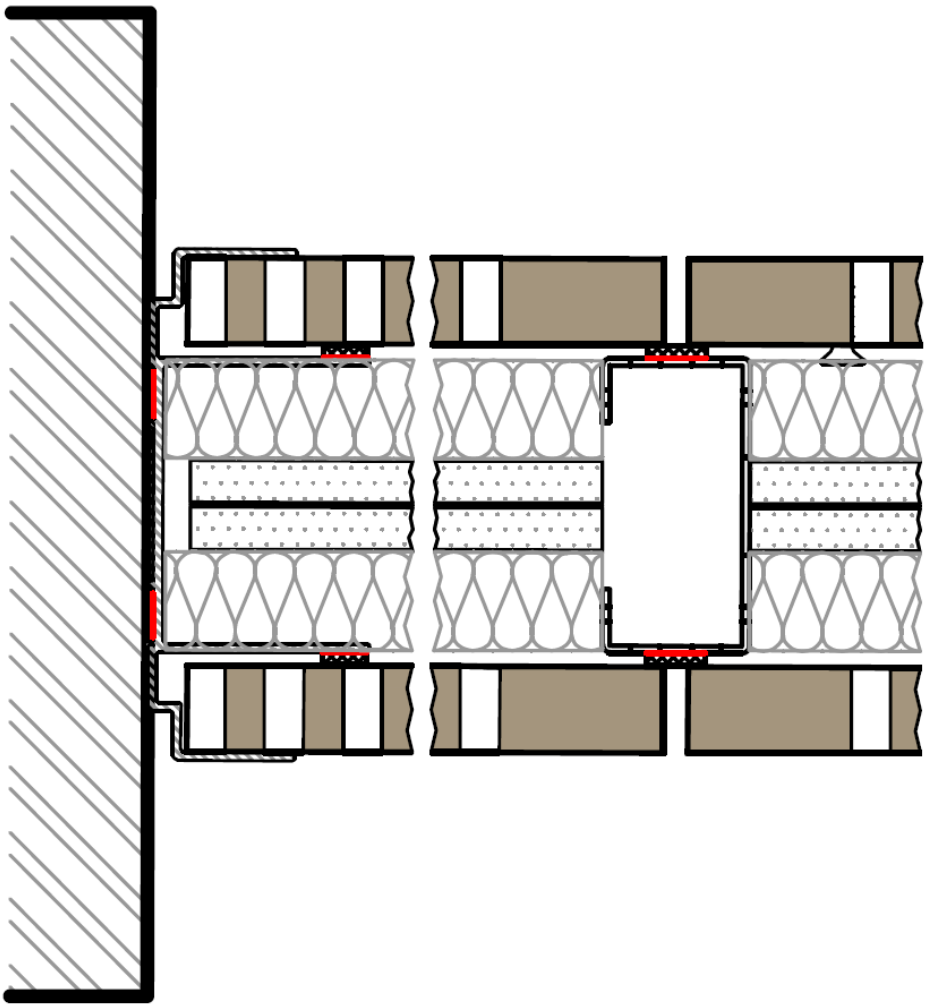


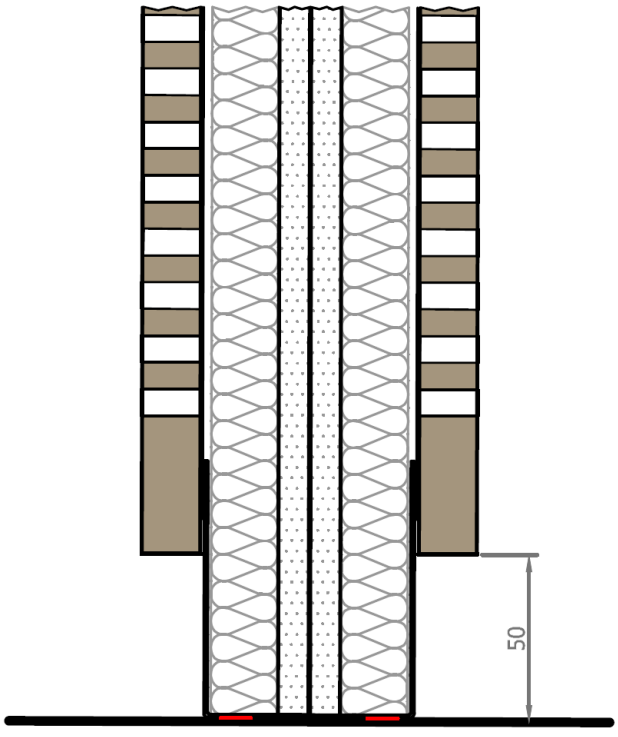


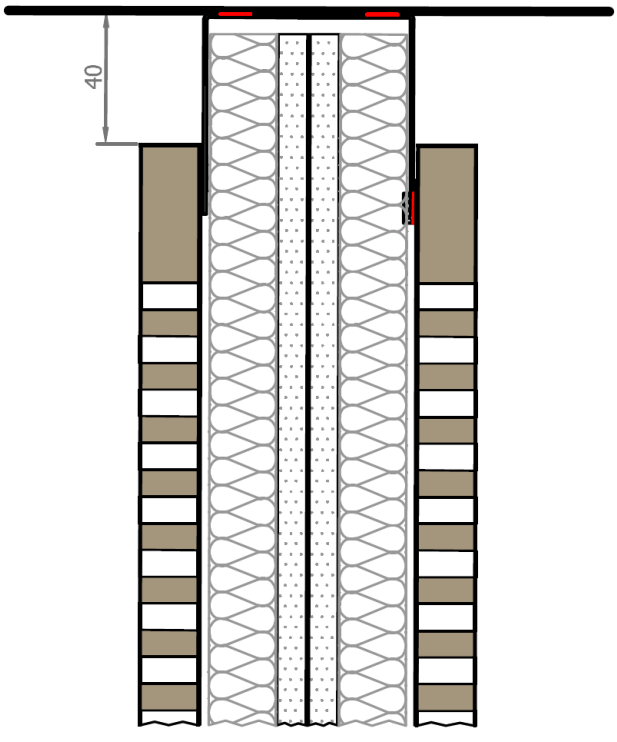
JB2000-00-VW-3-b Opaque partition, perforated MDF 18mm / cavity / perforated MDF 18mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
815	Acoustic membrane		Lantor 3103 M, non-woven viscose fibres, approx. 0,4mm thick, or equivalent
827	GYPSUM BOARD 9,5mm	EN 520	Knauf GKB A10 gypsum board, or equivalent
857	INSULATION ROCKWOOL 20mm	EN 13162	Mineral wool board Rockwool type 501, density = approx. 100kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1136	MDF 18mm, perforations Ø8mm, 4,9%	EN 13986	MDF 18mm thick, density = approx. 730kg/m³, formaldehyde class E1
Drawing: see next page			

JB2000-00-VW-3-b

Opaque partition, perforated MDF 18mm / cavity / perforated MDF 18mm



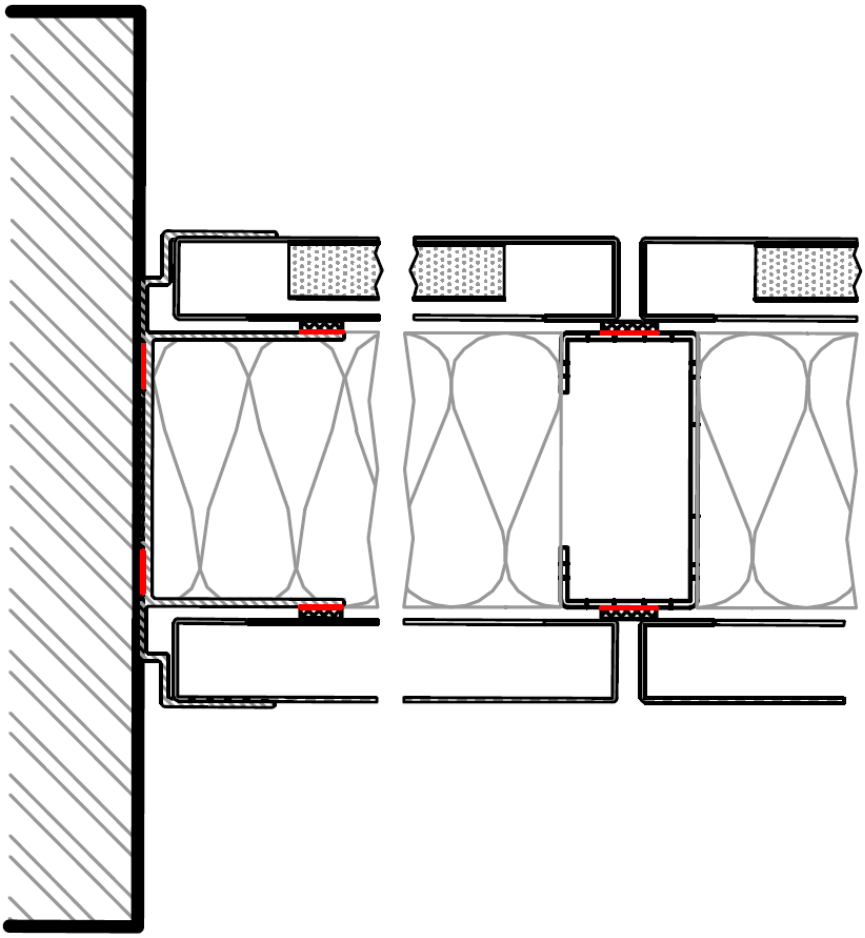


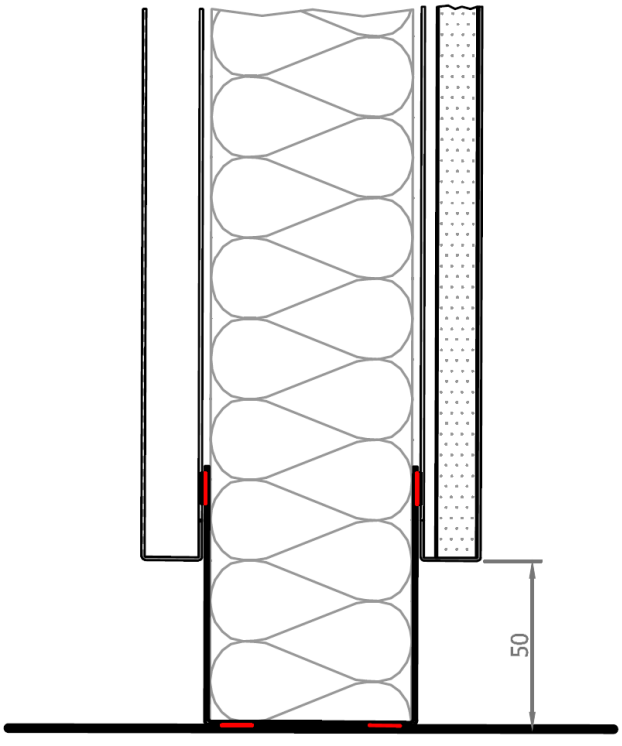


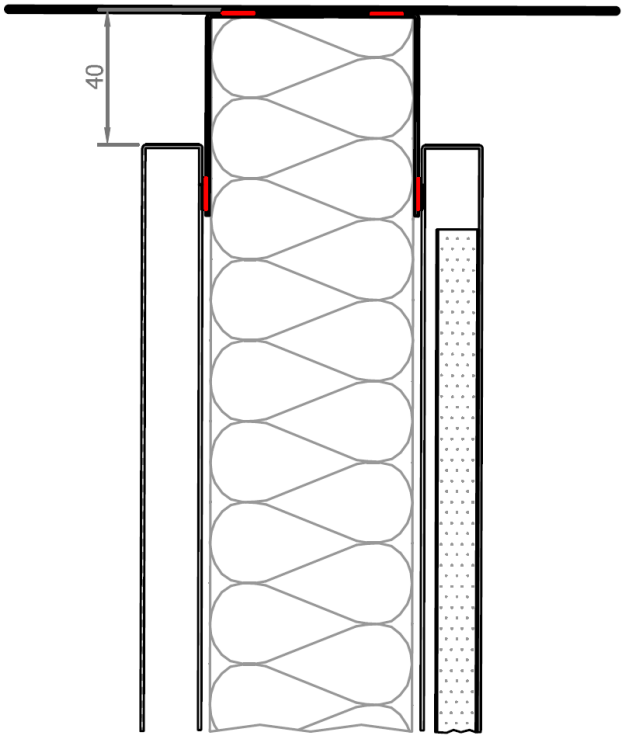
JB2000-00-VW-4-a Opaque partition, perforated panel steel 1mm / cavity / panel steel 1mm + gypsumboard 12,5mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
825	Acoustic membrane		Cellulose and glass fibres, non-woven, approx. 0,2mm thick (Soundtex C 1986, or equivalent)
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1135	PERFORATED PANEL JB2 STEEL, perforations Ø2,5mm, 16,2%	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
Drawing: see next page			

JB2000-00-VW-4-a

Opaque partition, perforated panel steel 1mm / cavity / panel steel 1mm + gypsumboard 12,5mm



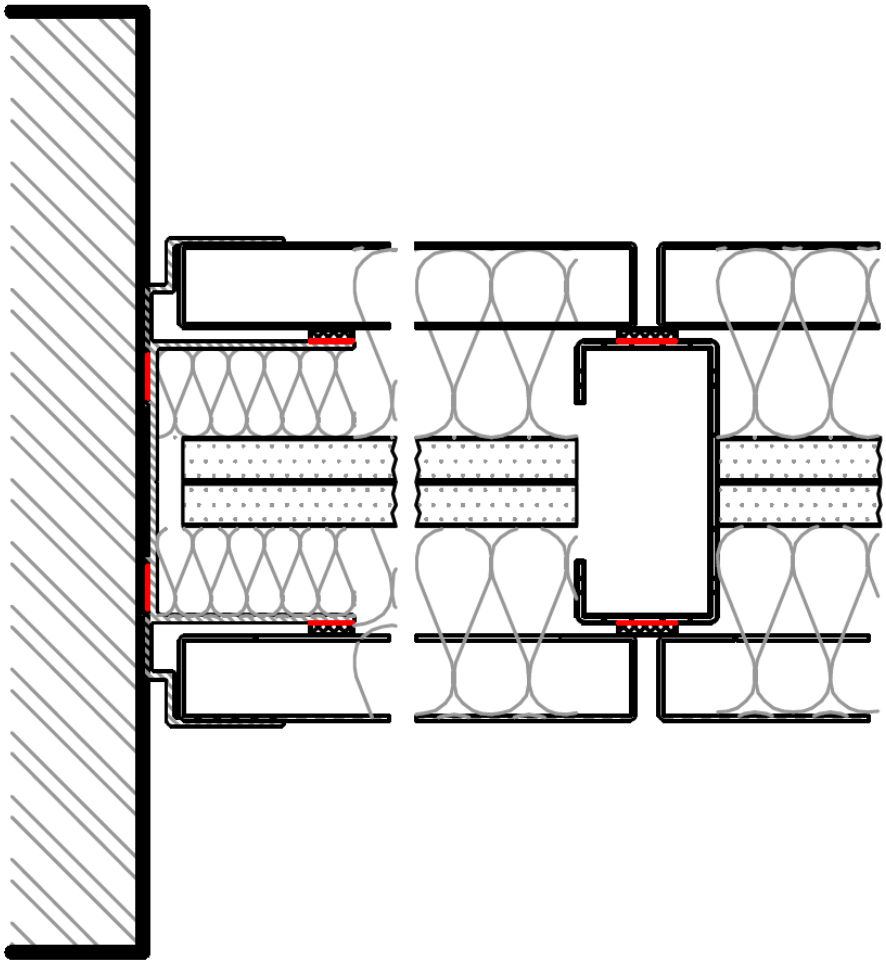


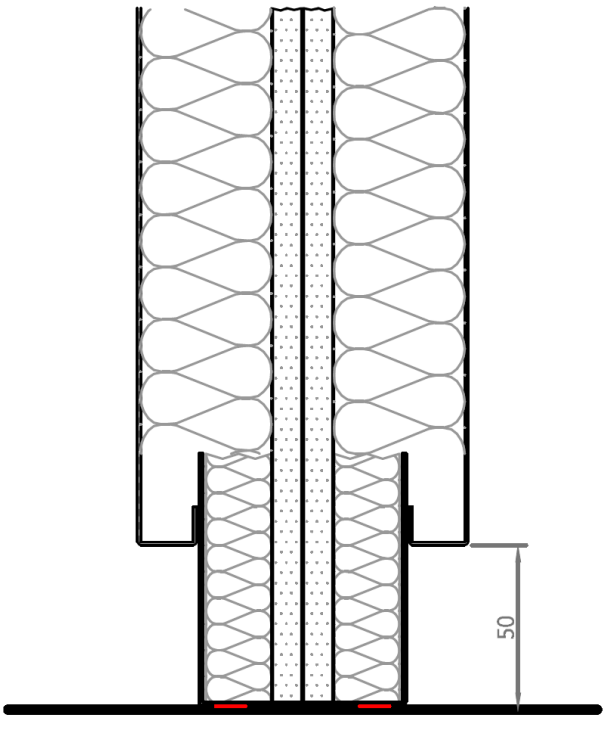


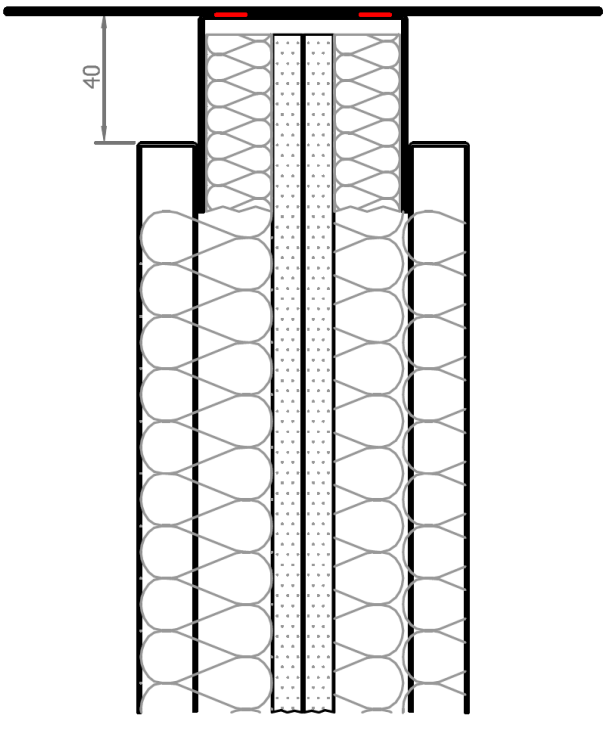
JB2000-00-VW-4-b Opaque partition, perforated panel steel 1mm / cavity / perforated panel steel 1mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
825	Acoustic membrane		Cellulose and glass fibres, non-woven, approx. 0,2mm thick (Soundtex C 1986, or equivalent)
827	GYPSUM BOARD 9,5mm	EN 520	Knauf GKB A10 gypsum board, or equivalent
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³,or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1135	PERFORATED PANEL JB2 STEEL, perforations Ø2,5mm, 16,2%	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
Drawing: see next page			

JB2000-00-VW-4-b

Opaque partition, perforated panel steel 1mm / cavity / perforated panel steel 1mm



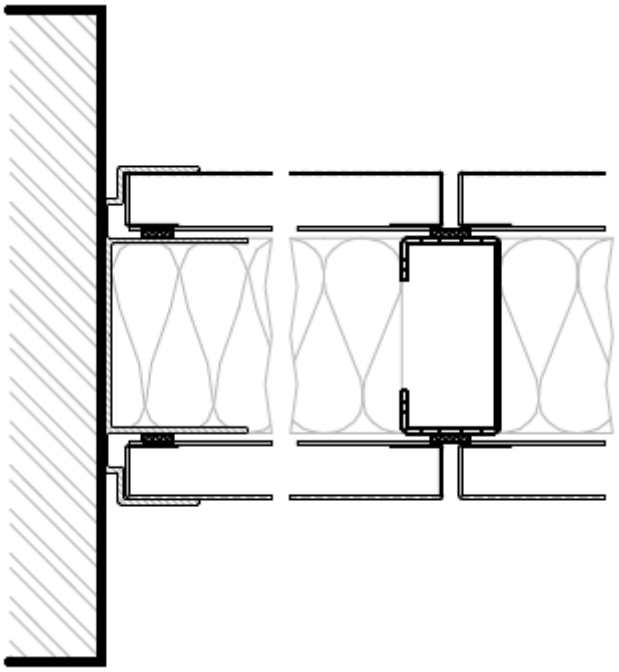


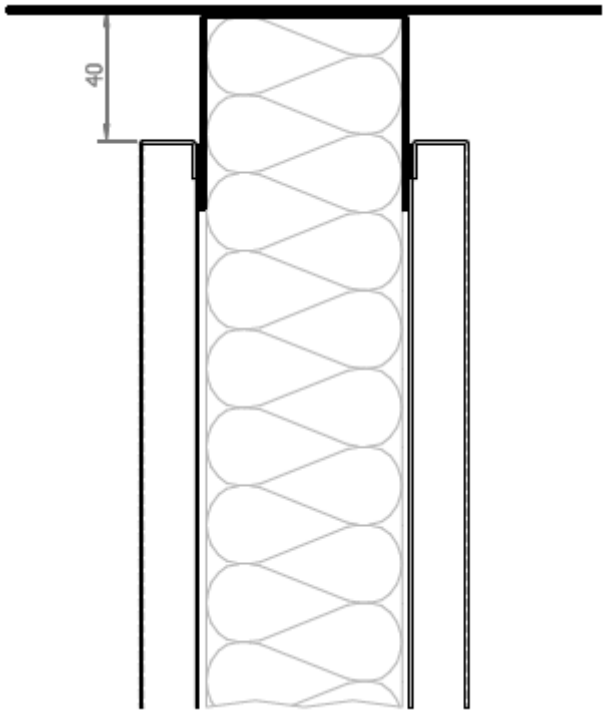


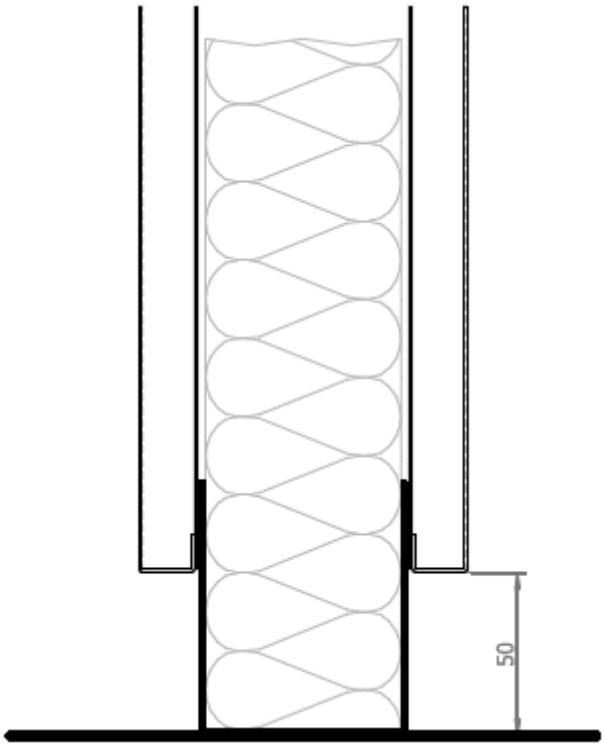
JB2000-00-VW-4-c Opaque partition, perforated cassette steel 1mm / cavity / perforated cassette steel 1mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
825	Acoustic membrane		Cellulose and glass fibres, non-woven, approx. 0,2mm thick (Soundtex C 1986, or equivalent)
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³,or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2172	PERFORATED Cassette JB2 STEEL 18mm, perforations Ø2mm, 7,3%, Polyester wool filling	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu. Polyester wool 15mm
Drawing: see next page			

JB2000-00-VW-4-c

Opaque partition, perforated cassette steel 1mm / cavity / perforated cassette steel 1mm



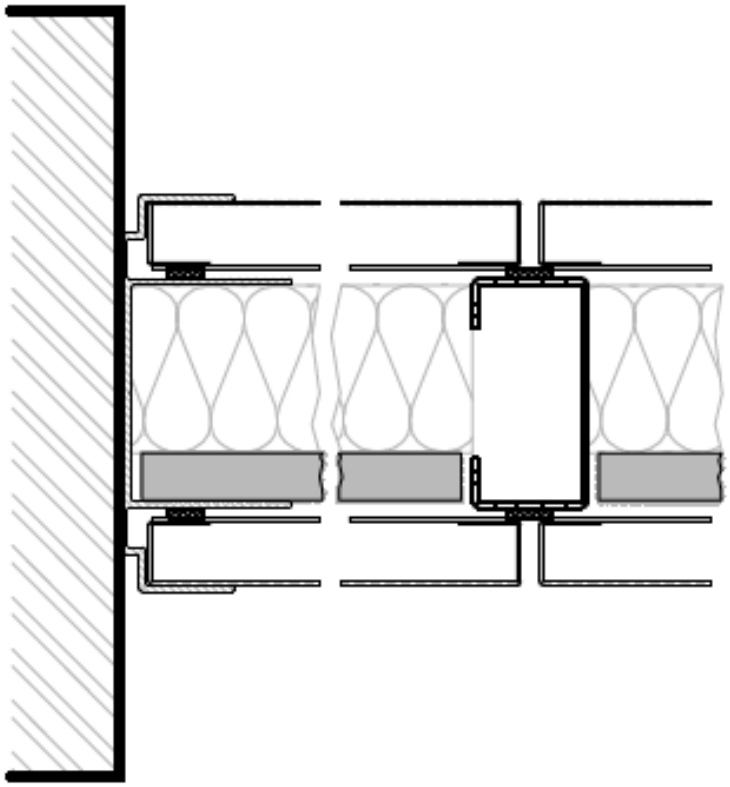


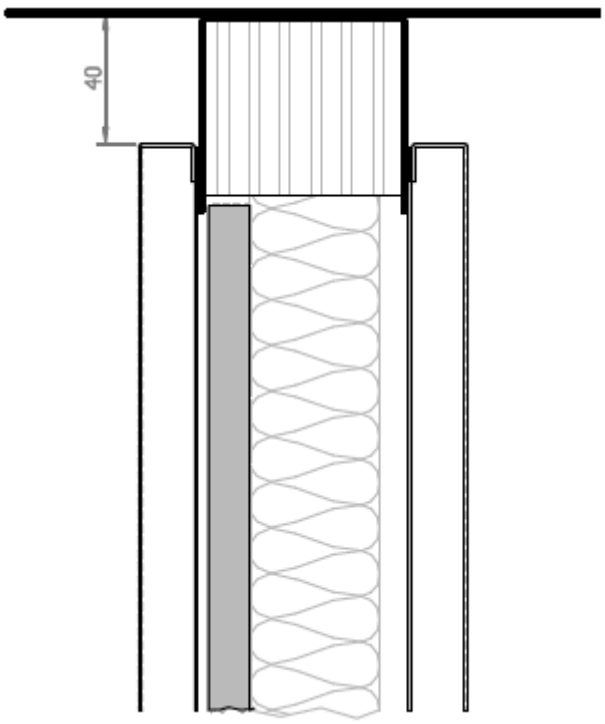


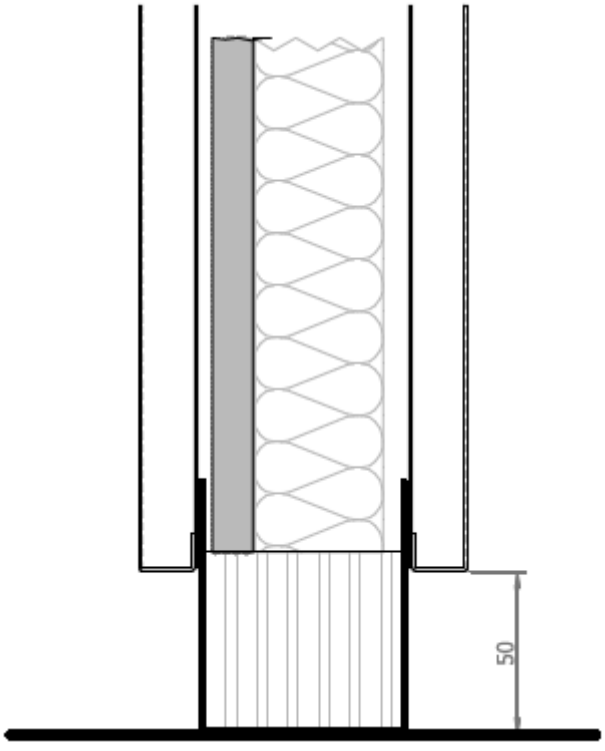
JB2000-00-VW-4-d Opaque partition, perforated cassette steel 1mm / cavity + Gypsum board 12,5mm / perforated cassette steel 1mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
825	Acoustic membrane		Cellulose and glass fibres, non-woven, approx. 0,2mm thick (Soundtex C 1986, or equivalent)
826	GYPSUM BOARD 12,5mm	DIN 18180	Knauf GKB A13 gypsum board
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³,or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2172	PERFORATED Cassette JB2 STEEL 18mm, perforations Ø2mm, 7,3%, Polyester wool filling	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu. Polyester wool 15mm
Drawing: see next page			

JB2000-00-VW-4-d

Opaque partition, perforated cassette steel 1mm / cavity + Gypsum board 12,5mm / perforated cassette steel 1mm



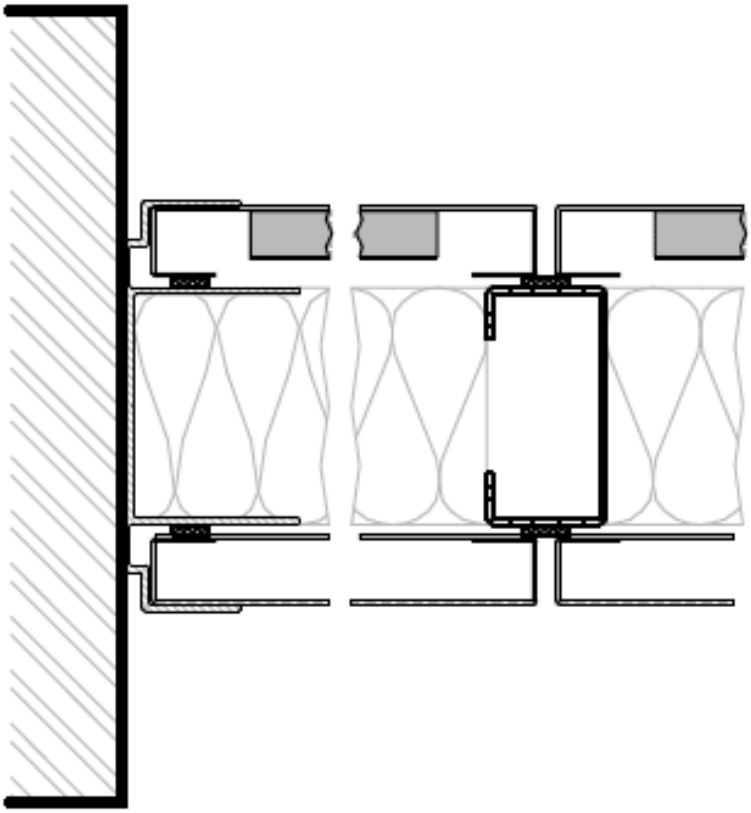


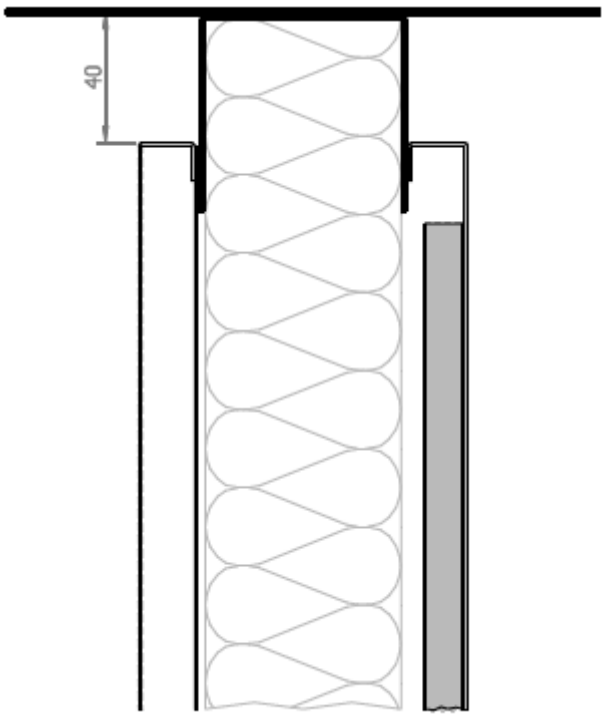


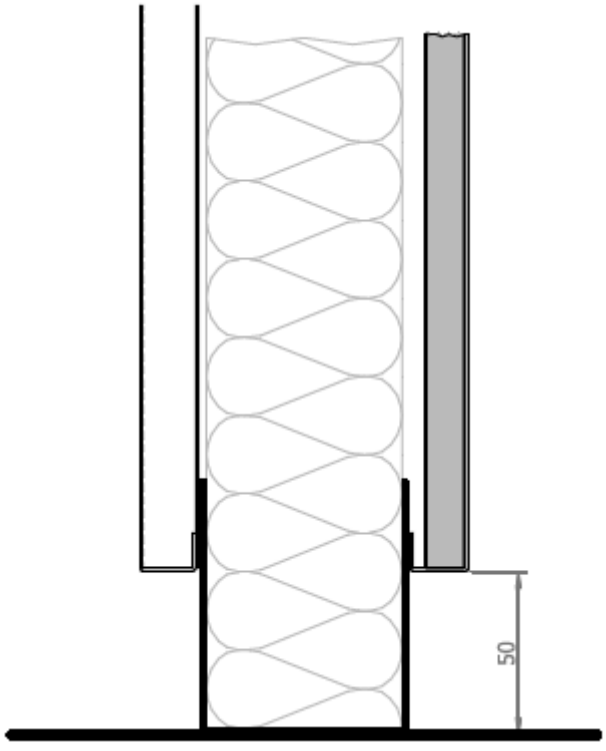
JB2000-00-VW-4-e Opaque partition, perforated cassette steel 1mm / cavity / panel steel 1mm + gypsumboard 12,5mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu. Polyester wool 15mm
825	Acoustic membrane		Cellulose and glass fibres, non-woven, approx. 0,2mm thick (Soundtex C 1986, or equivalent)
826	GYPSUM BOARD 12,5mm	DIN 18180	Knauf GKB A13 gypsum board
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 45kg/m³,or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1135	PERFORATED PANEL JB2 STEEL, perforations Ø2,5mm, 16,2%	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
2172	PERFORATED Cassette JB2 STEEL 18mm, perforations Ø2mm, 7,3%, Polyester wool filling	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu. Polyester wool 15mm
Drawing: see next page			

JB2000-00-VW-4-e

Opaque partition, perforated cassette steel 1mm / cavity / panel steel 1mm + gypsumboard 12,5mm



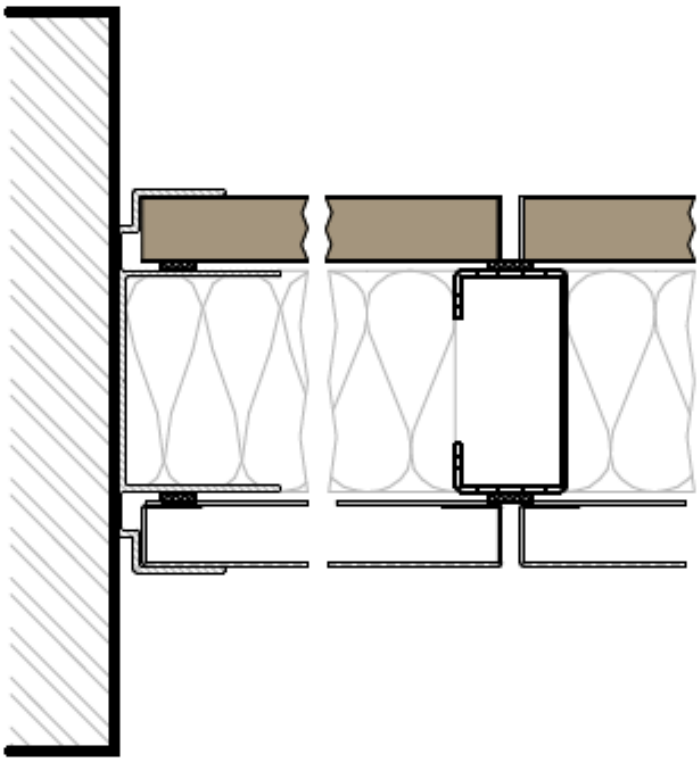


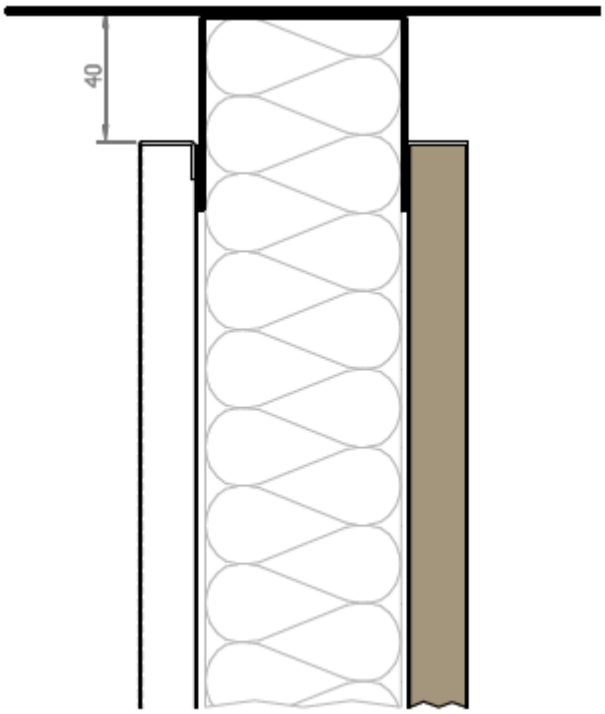


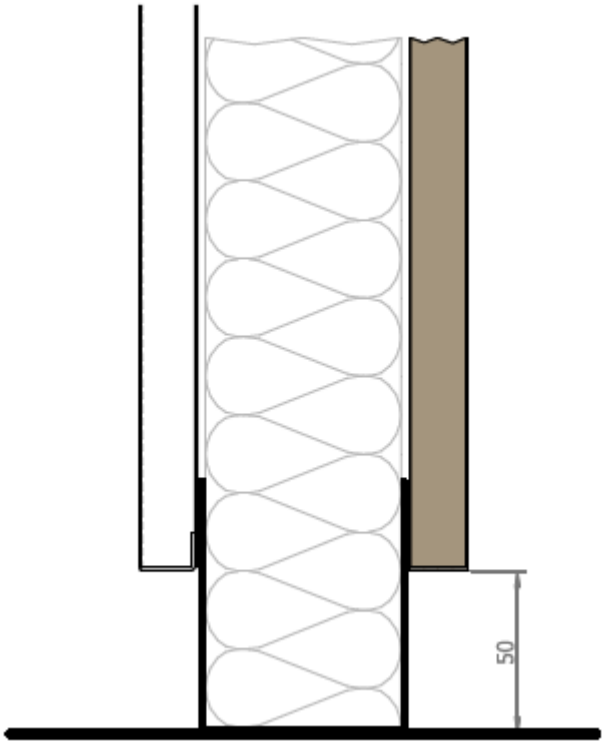
JB2000-00-VW-4-f Opaque partition, perforated cassette steel 1mm / cavity / panel particle board 18mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded profile. Aluminium
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
415	PANEL HOOK LEFT	EN 10327 DX51D - Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 DX51D - Z275	Steel, 2mm thick.
507	WASHER 6,4x18mm	EN 10152 - DC01+ZE25/25	Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = ca 650kg/m³.
825	Acoustic membrane		Cellusose and glass fibres, non-woven, ca 0,2mm thick (Soundtex C 1986)
851	INSULATION ROCKWOOL 60mm		Mineral wool board Rockwool type 211, density = ca 45kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
2172	PERFORATED Cassette JB2 STEEL 18 mm, perforations Ø2mm, 7,3%, Polyester wool filling	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu. Polyester wool 15mm
Drawing: see next page			

JB2000-00-VW-4-f

Opaque partition, perforated cassette steel 1mm / cavity / panel particle board 18mm



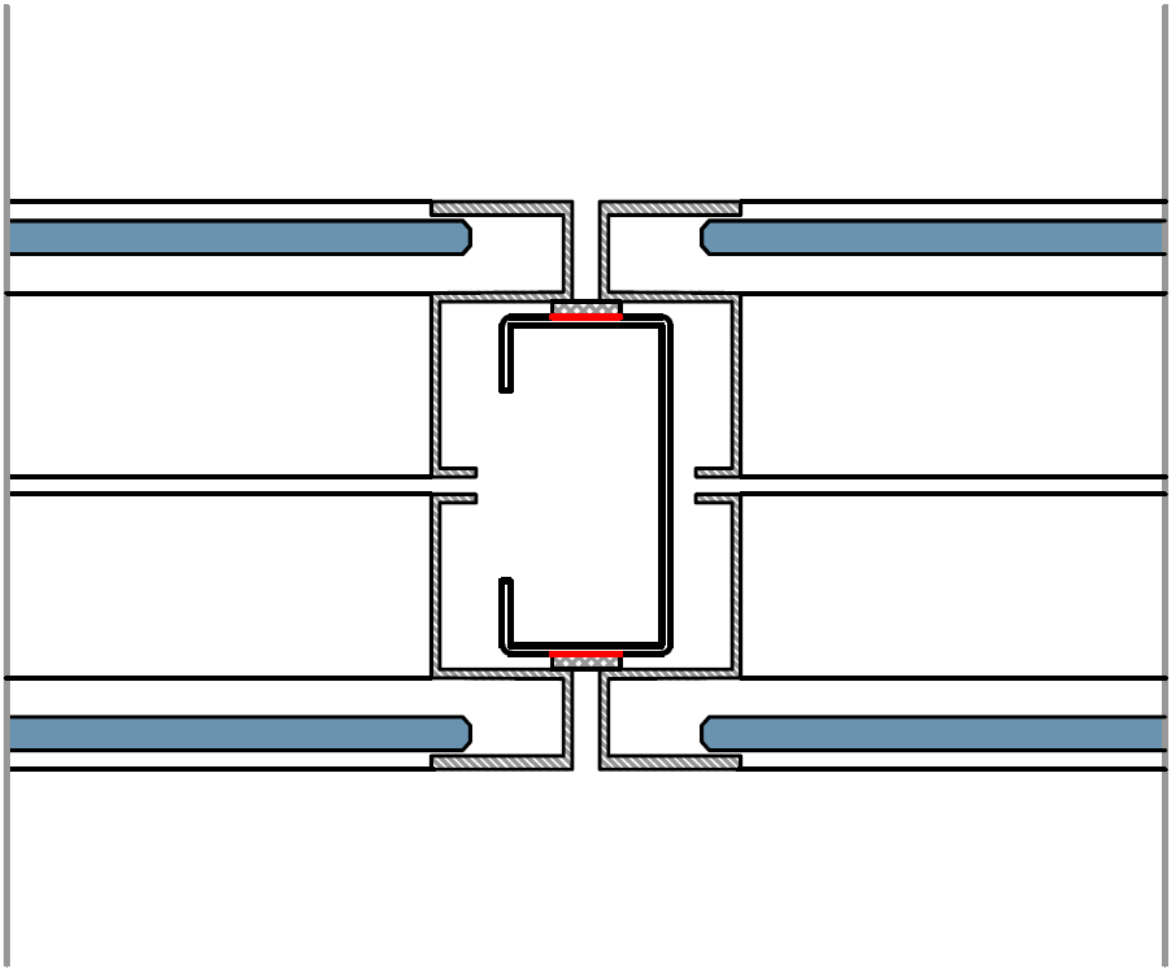


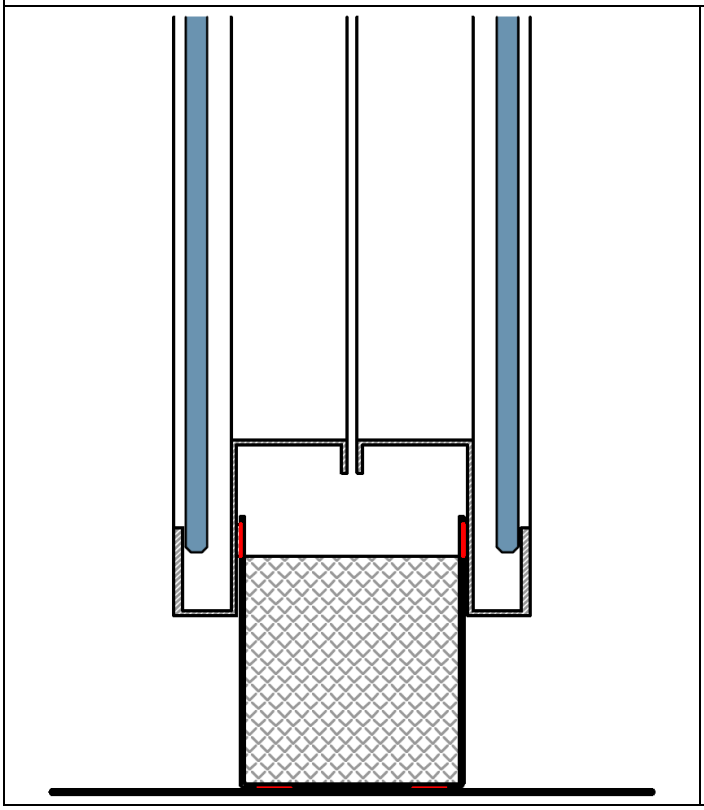


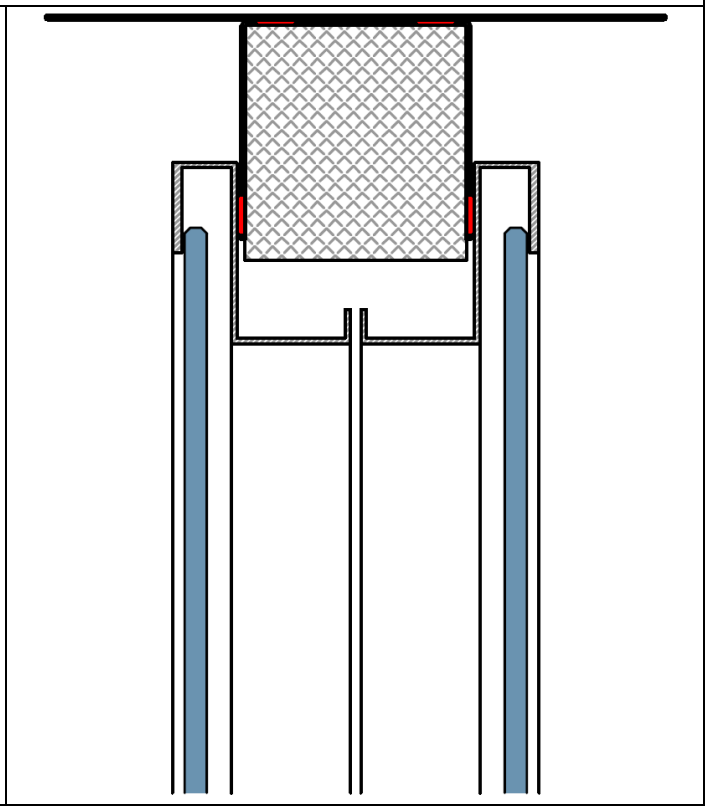
JB2000-00-GW-1-a Glazed partition, glass 6mm + glass 6mm, glasses framed in profile			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
701	WINDOWFRAME PROFILE JB2 50/25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1013	GLASS 6mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 6mm
Drawing: see next page			

JB2000-00-GW-1-a

Glazed partition, glass 6mm + glass 6mm, glasses framed in profile



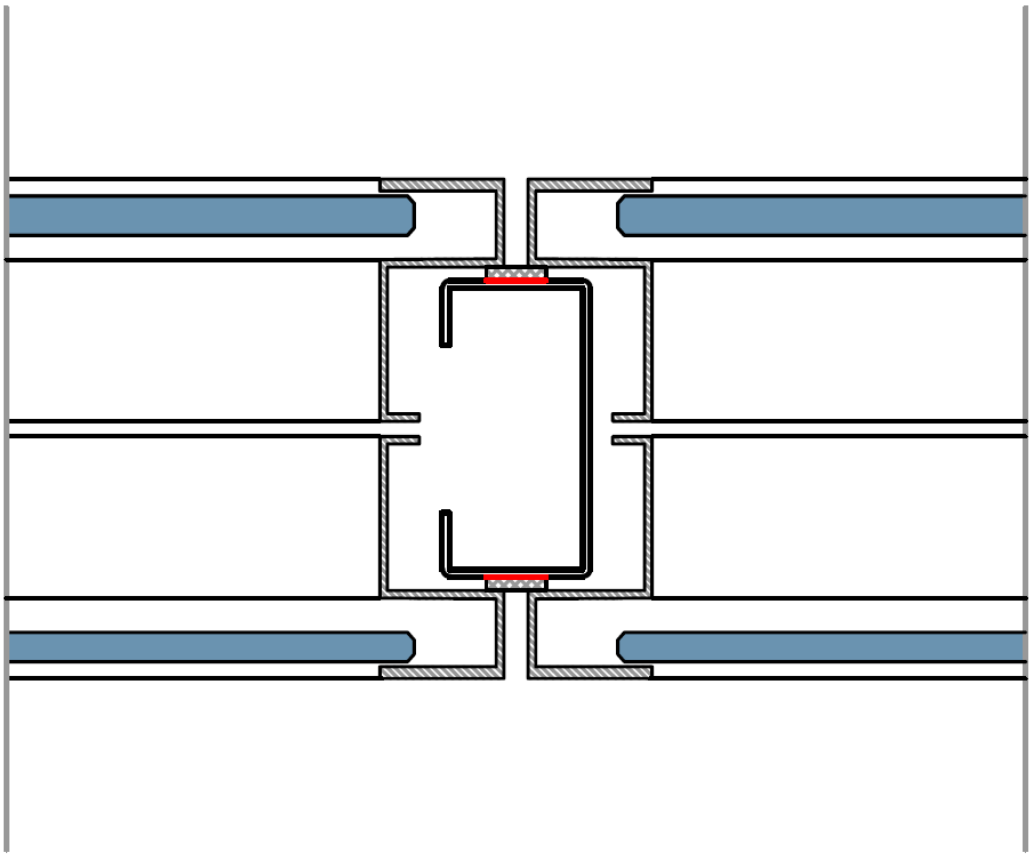


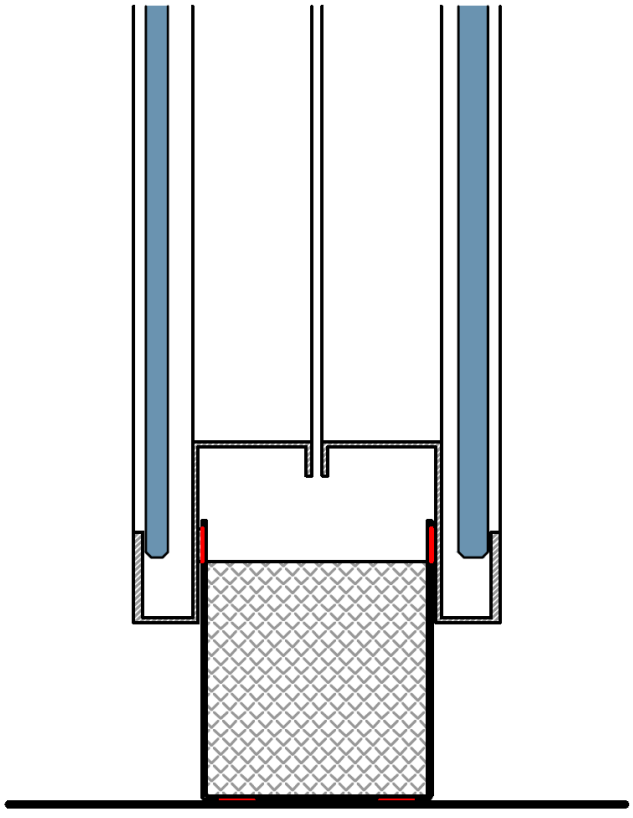


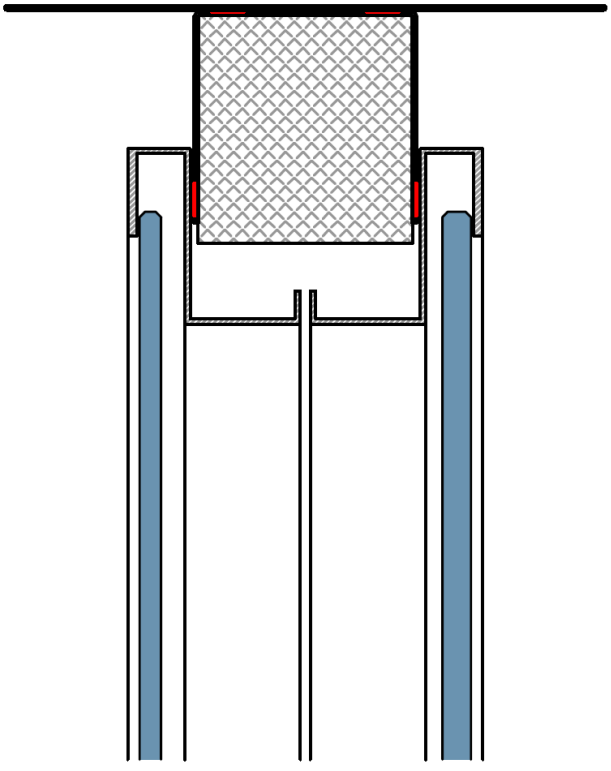
JB2000-00-GW-1-b Glazed partition, glass 6mm + glass 8mm, glasses framed in profile			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
701	WINDOWFRAME PROFILE JB2 50/25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1012	GLASS 8mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 8mm
1013	GLASS 6mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 6mm
Drawing: see next page			

JB2000-00-GW-1-b

Glazed partition, glass 6mm + glass 8mm, glasses framed in profile



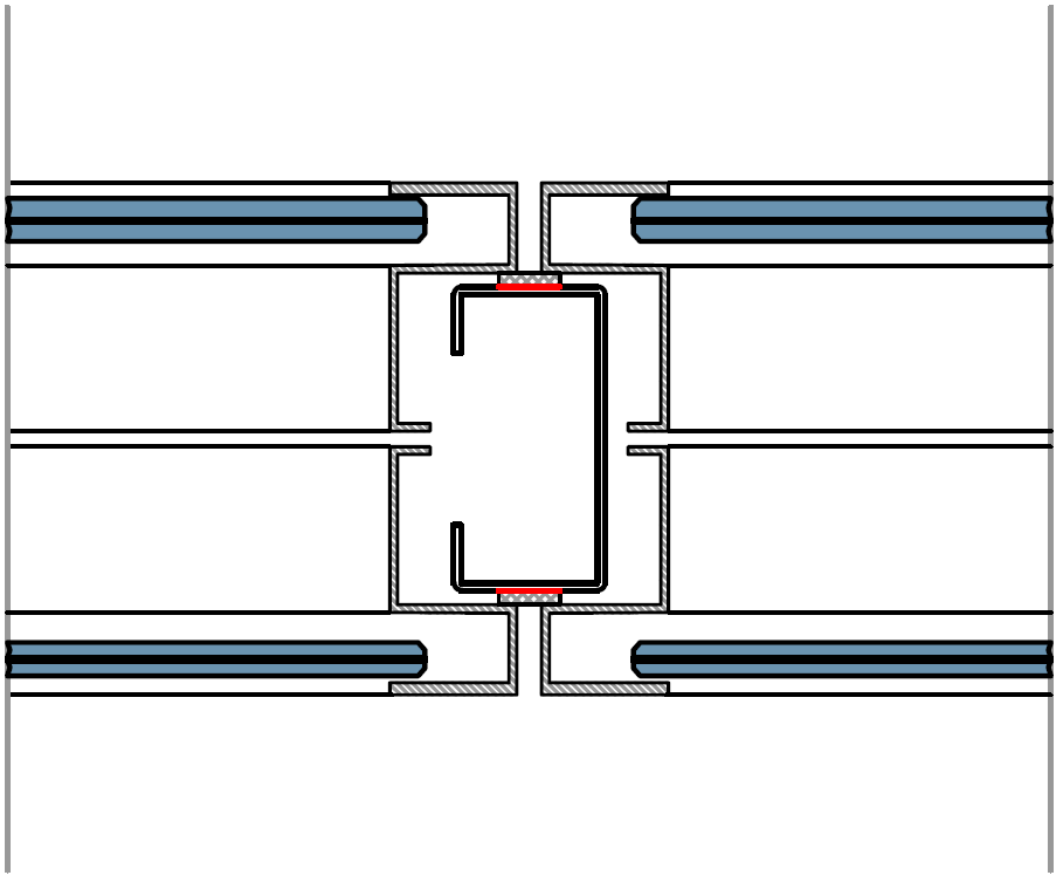


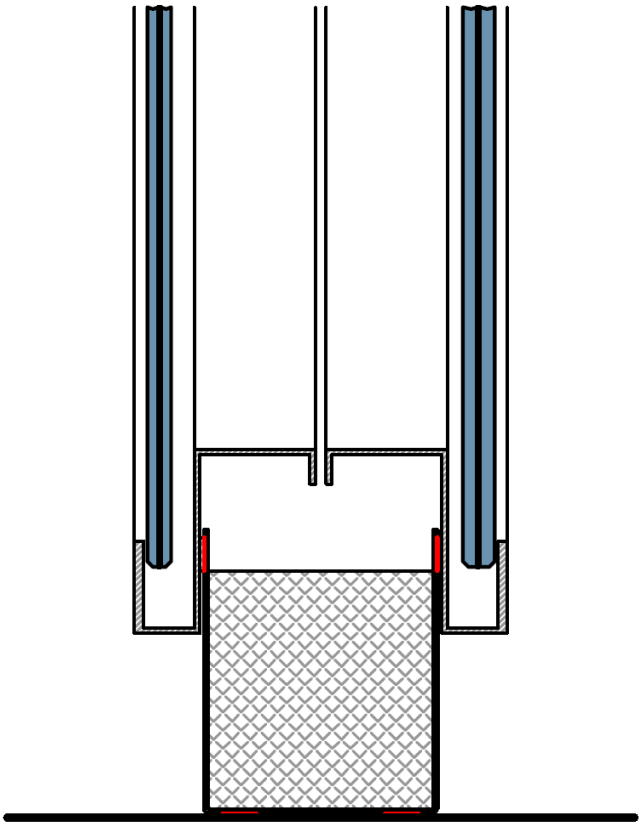


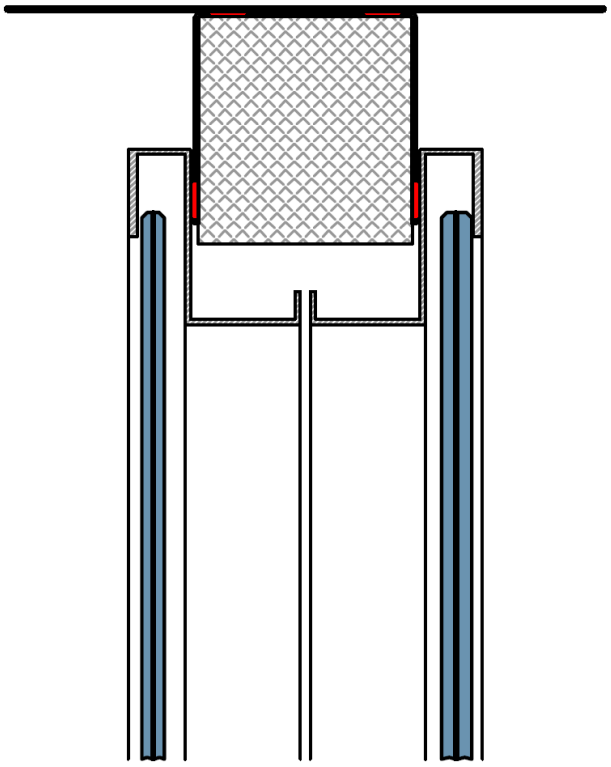
JB2000-00-GW-1-c Glazed partition, laminated glass 33.2 + laminated glass 44.2, glasses framed in profile			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
701	WINDOWFRAME PROFILE JB2 50/25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1003	GLASS 44.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 44.2
1005	GLASS 33.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 33.2
Drawing: see next page			

JB2000-00-GW-1-c

Glazed partition, laminated glass 33.2 + laminated glass 44.2, glasses framed in profile



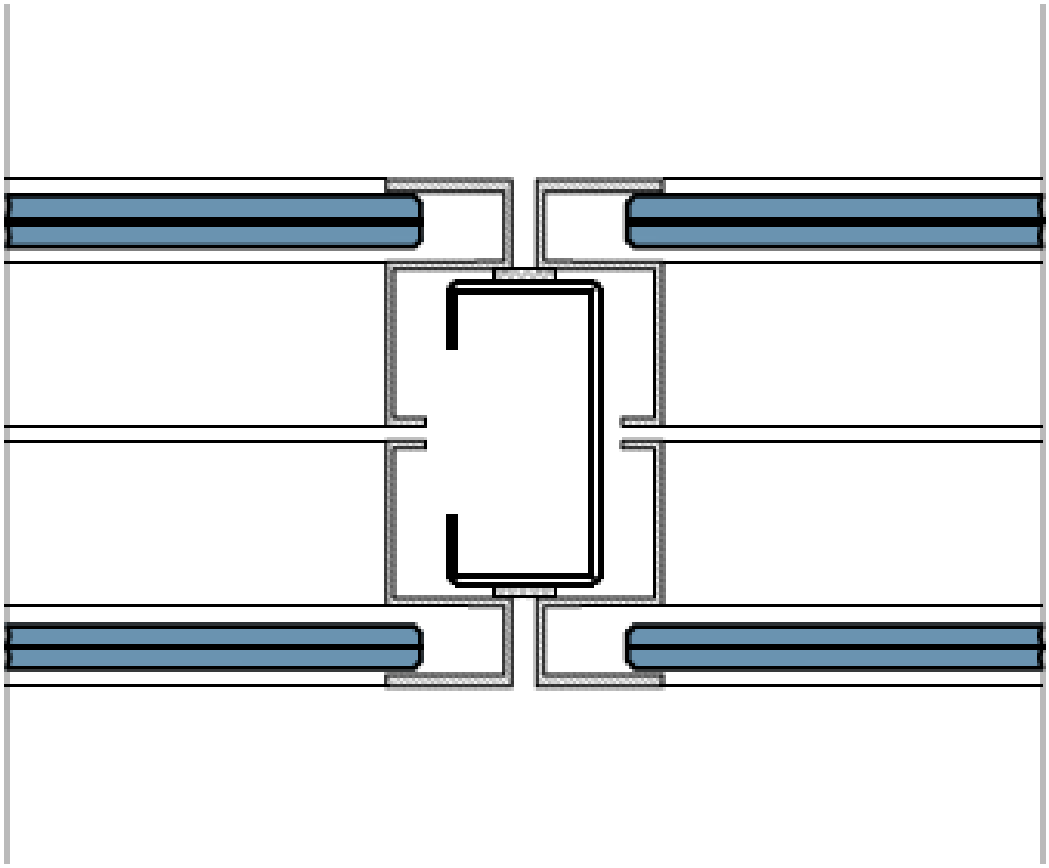


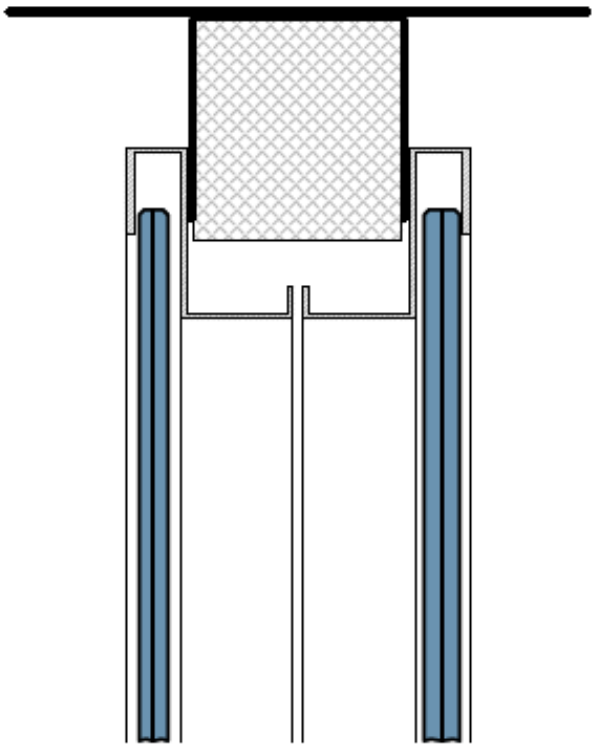


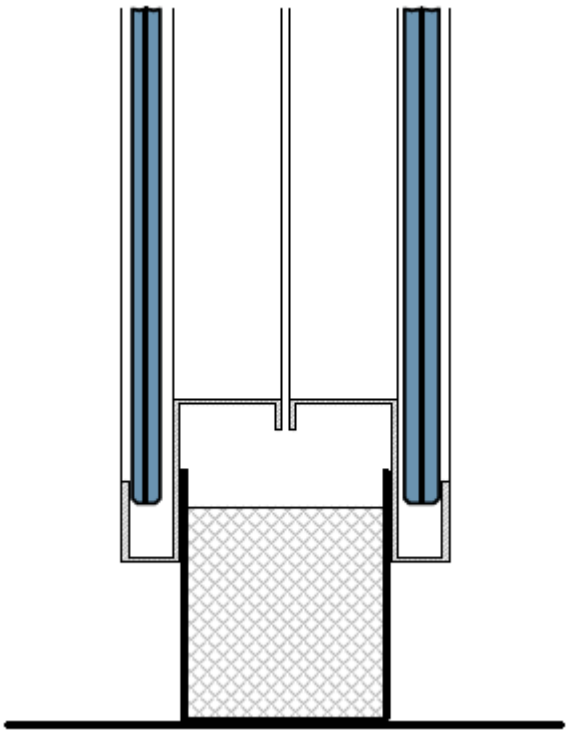
JB2000-00-GW-1-d Glazed partition, laminated glass 55.1 + laminated glass 44.1, glasses framed in profile			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
2167	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
2168	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
1818	GLAZING PROFILE 10,8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
701	WINDOWFRAME PROFILE JB2 50/25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1003	GLASS 44.1	EN 14449, EN 12600 - 1B1	Laminated safety glass 44.1
1010	GLASS 55.1	EN 14449, EN 12600 - 1B1	Laminated safety glass 55.1
Drawing: see next page			

JB2000-00-GW-1-d

Glazed partition, laminated glass 55.1 + laminated glass 44.1, glasses framed in profile



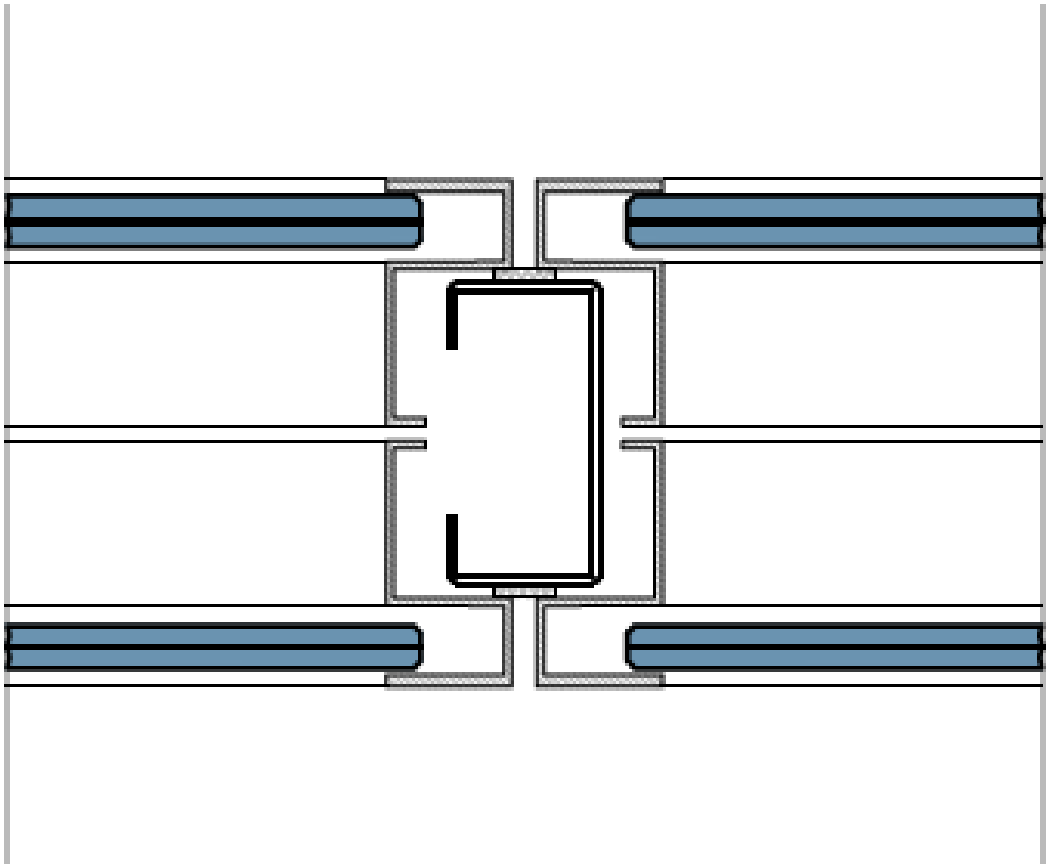


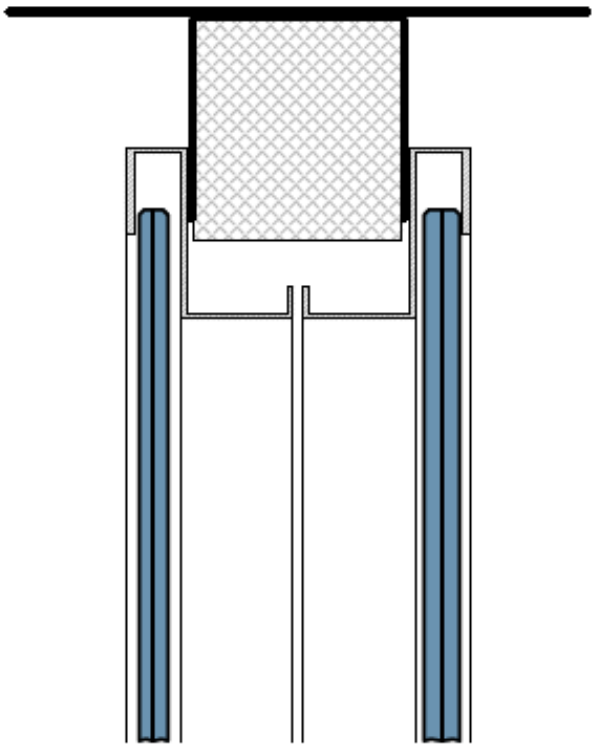


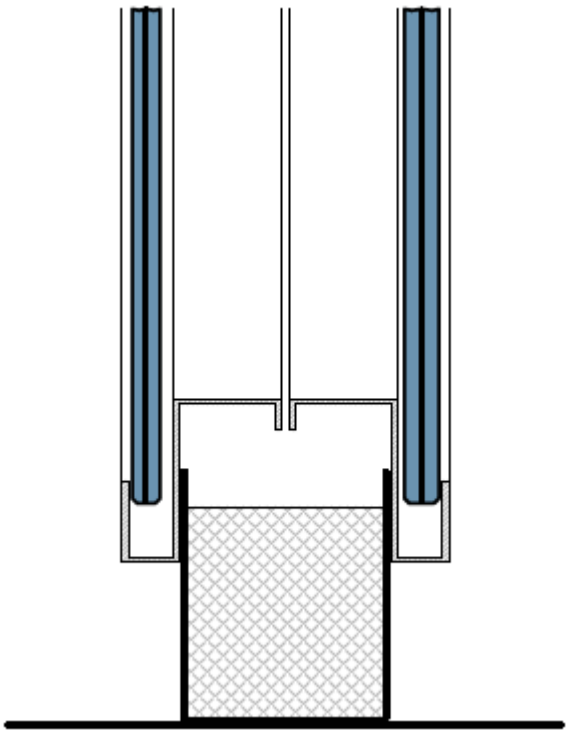
JB2000-00-GW-1-e Glazed partition, laminated glass 55.2 + laminated glass 44.2, glasses framed in profile			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
2167	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
2168	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
1818	GLAZING PROFILE 10,8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
701	WINDOWFRAME PROFILE JB2 50/25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1003	GLASS 44.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 44.2
1010	GLASS 55.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 55.2
Drawing: see next page			

JB2000-00-GW-1-e

Glazed partition, laminated glass 55.2 + laminated glass 44.2, glasses framed in profile



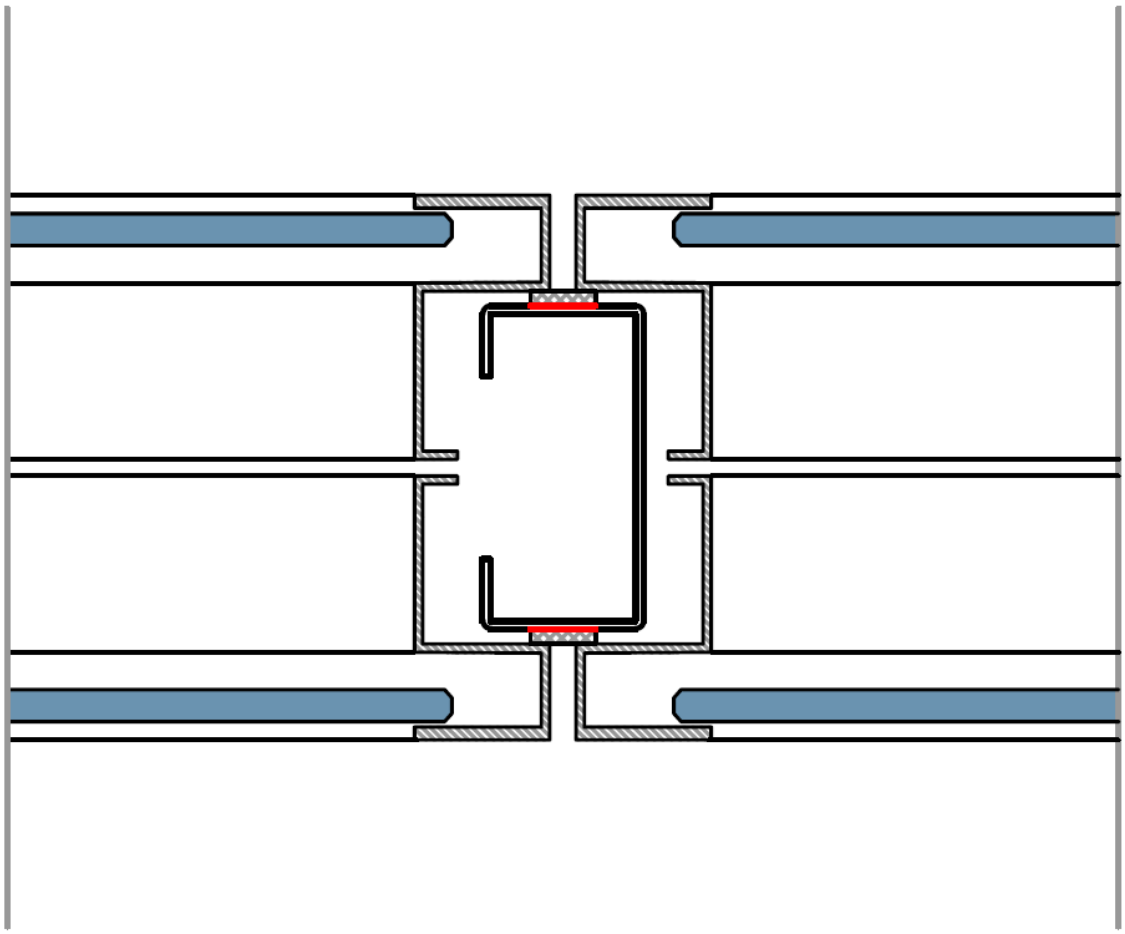


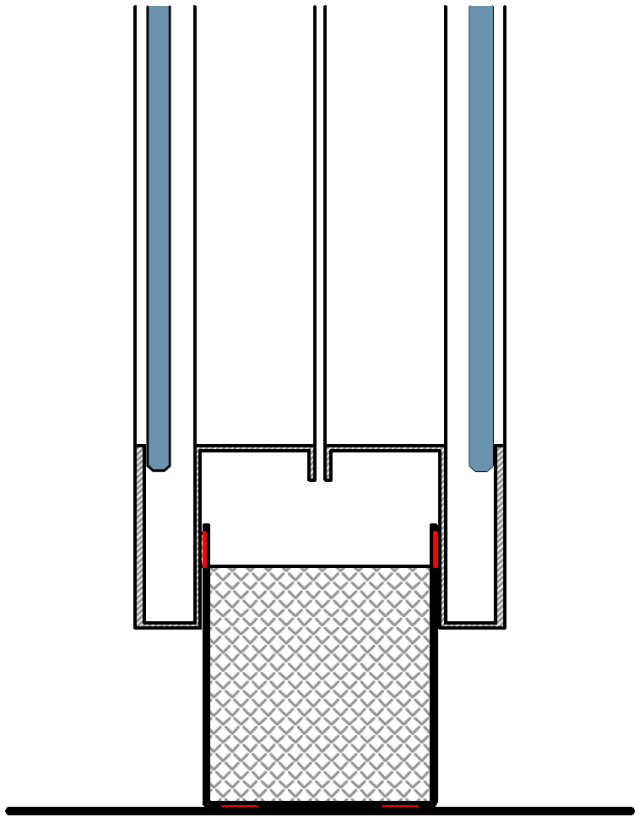


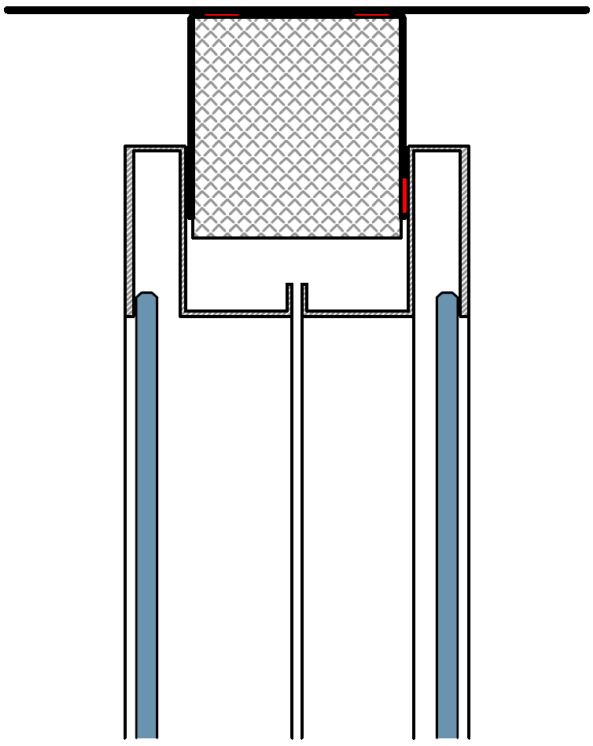
JB2000-00-GW-4-a Glazed partition, glass 6mm + glass 6mm, glasses framed in profile, height horizontal profile 50mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
456	WINDOWFRAME PROFILE JB2 50mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1013	GLASS 6mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 6mm
Drawing: see next page			

JB2000-00-GW-4-a

Glazed partition, glass 6mm + glass 6mm, glasses framed in profile, height horizontal profile 50mm



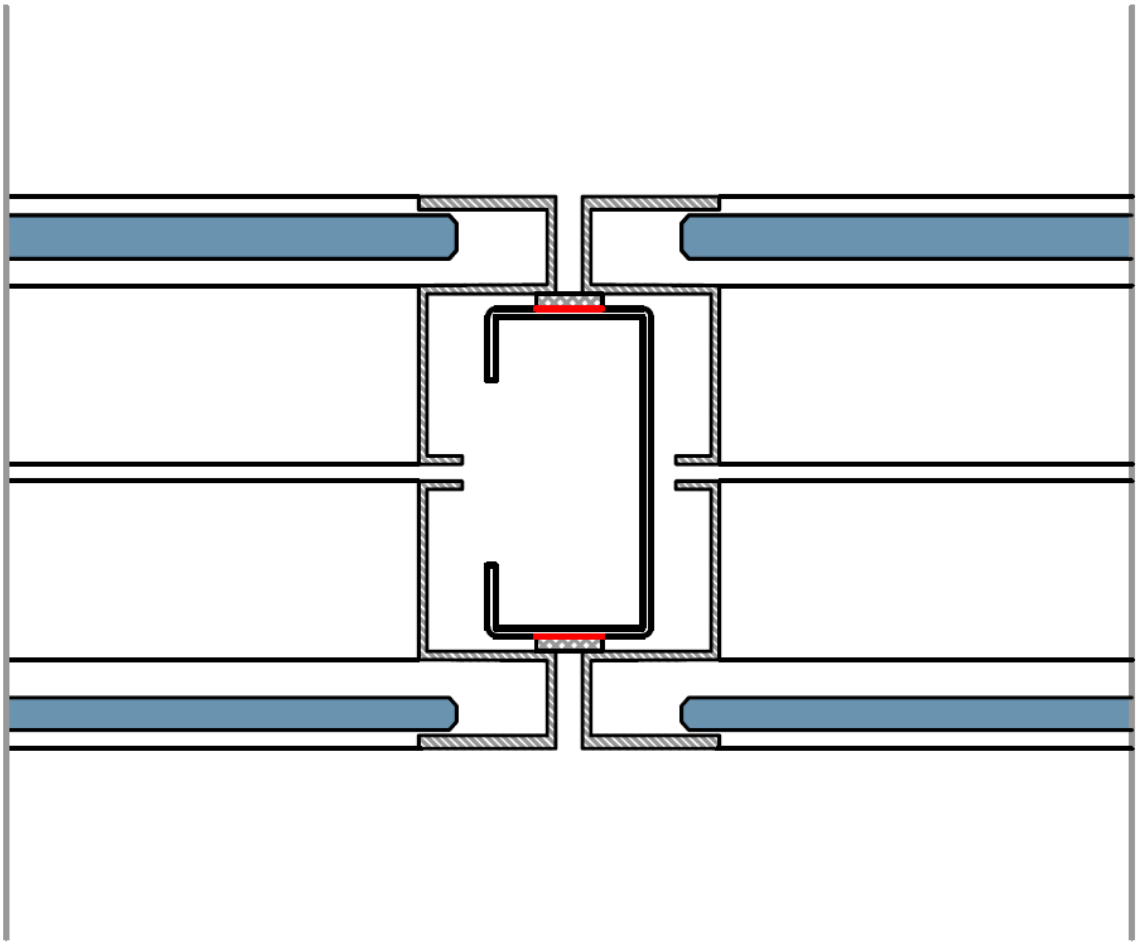


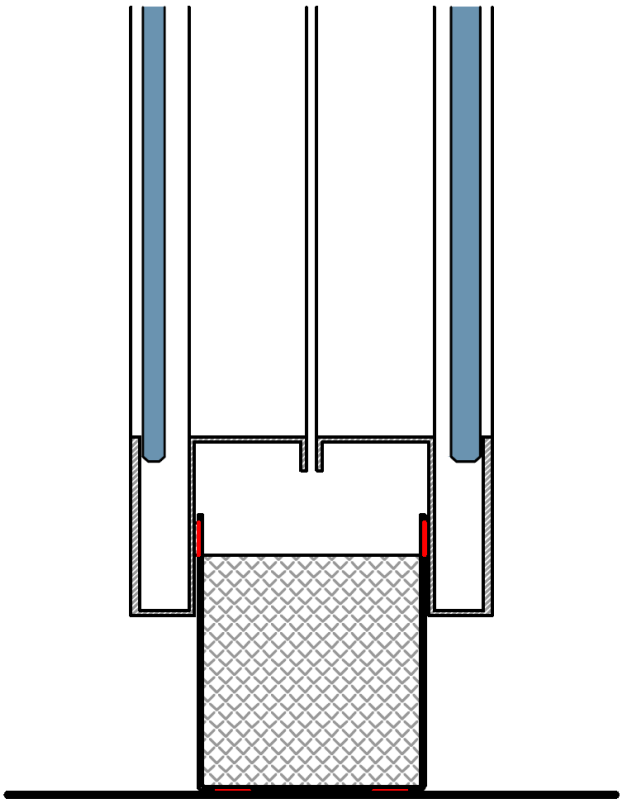


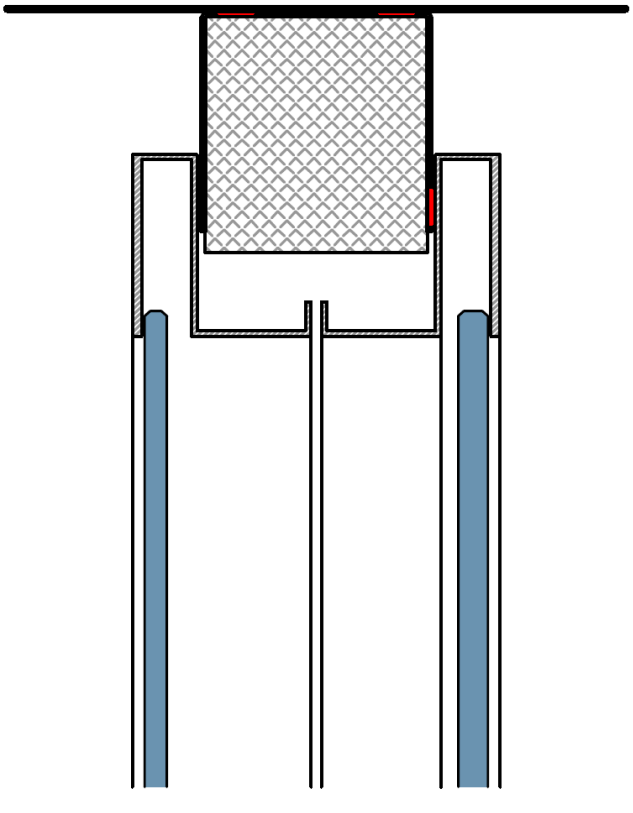
JB2000-00-GW-4-b Glazed partition, glass 6mm + glass 8mm, glasses framed in profile, height horizontal profile 50mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
456	WINDOWFRAME PROFILE JB2 50mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1012	GLASS 8mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 8 mm
1013	GLASS 6mm	EN 12150-1, EN 12600 - 1C2	Thermally toughened glass 6 mm
Drawing: see next page			

JB2000-00-GW-4-b

Glazed partition, glass 6mm + glass 8mm, glasses framed in profile, height horizontal profile 50mm



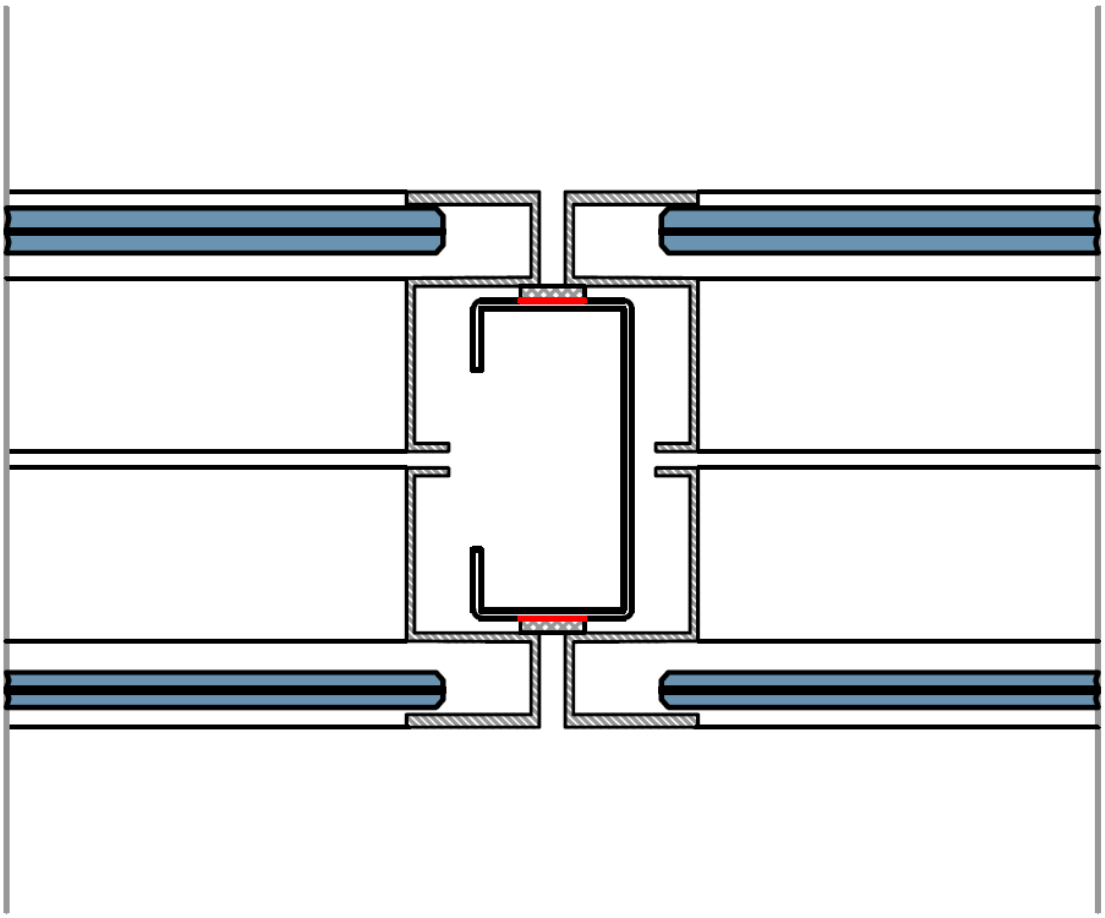


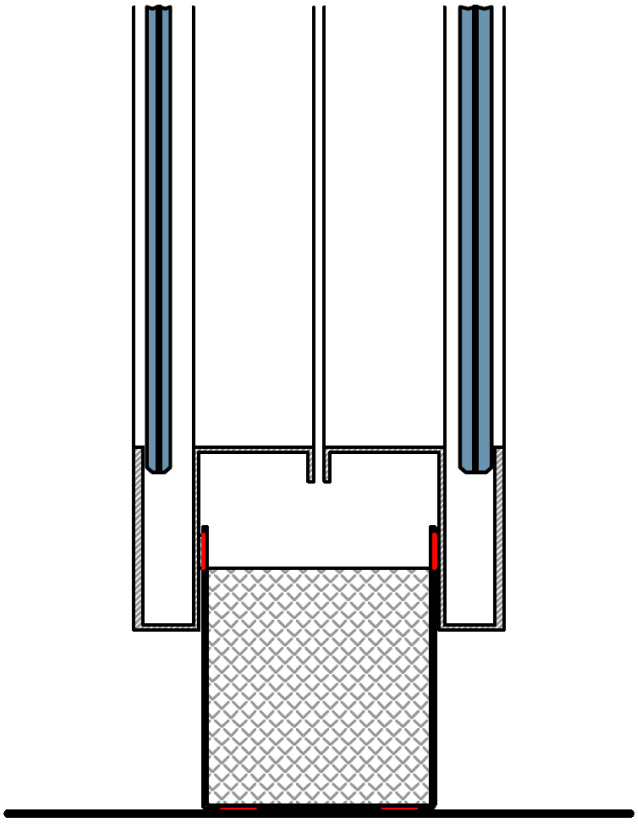


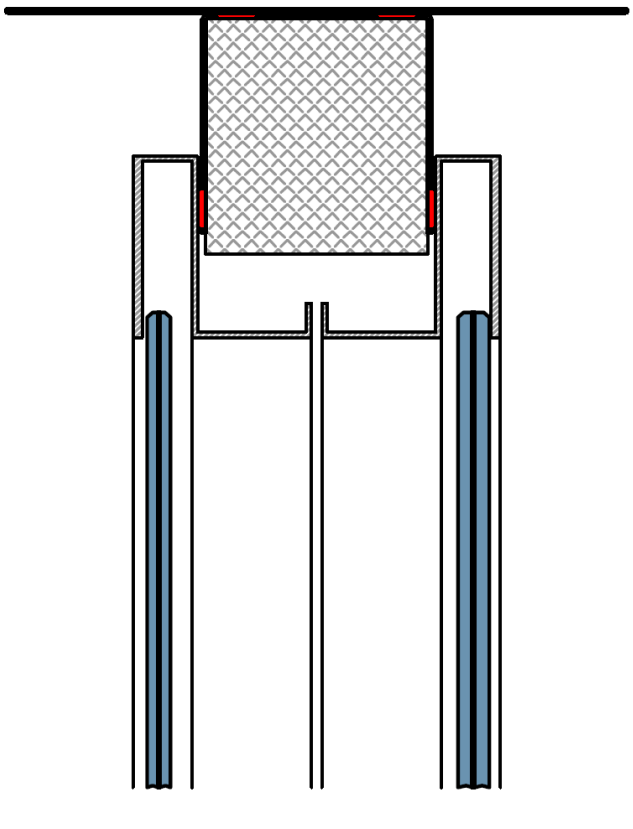
JB2000-00-GW-4-c Glazed partition, laminated glass 33.2 + laminated glass 44.2, glasses framed in profile, height horizontal profile 50mm			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
046	WINDOWHOOK L JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
047	WINDOWHOOK R JB2	EN 10327 - DX51D+Z275	Steel, 1,5mm thick, continuously hot-dip zinc coated
100	GLAZING PROFILE 8mm		PVC, hard RHA 7602 Cristal A002, or equivalent
102	GLAZING PROFILE 6mm		PVC, hard RHA 7602 Cristal A002, or equivalent
119	SEALING PROFILE 4,8X6,5mm		PU foam within PE film
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
456	WINDOWFRAME PROFILE JB2 50mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
504	BLIND RIVET		Case aluminium, nail steel, zinc coated, 2,9 x7mm. Ref. Dejond: 452315, or equivalent
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
700	WINDOWFRAME PROFILE JB2 25mm	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1003	GLASS 44.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 44.2
1005	GLASS 33.2	EN 14449, EN 12600 - 1B1	Laminated safety glass 33.2
Drawing: see next page			

JB2000-00-GW-4-c

Glazed partition, laminated glass 33.2 + laminated glass 44.2, glasses framed in profile, height horizontal profile 50mm



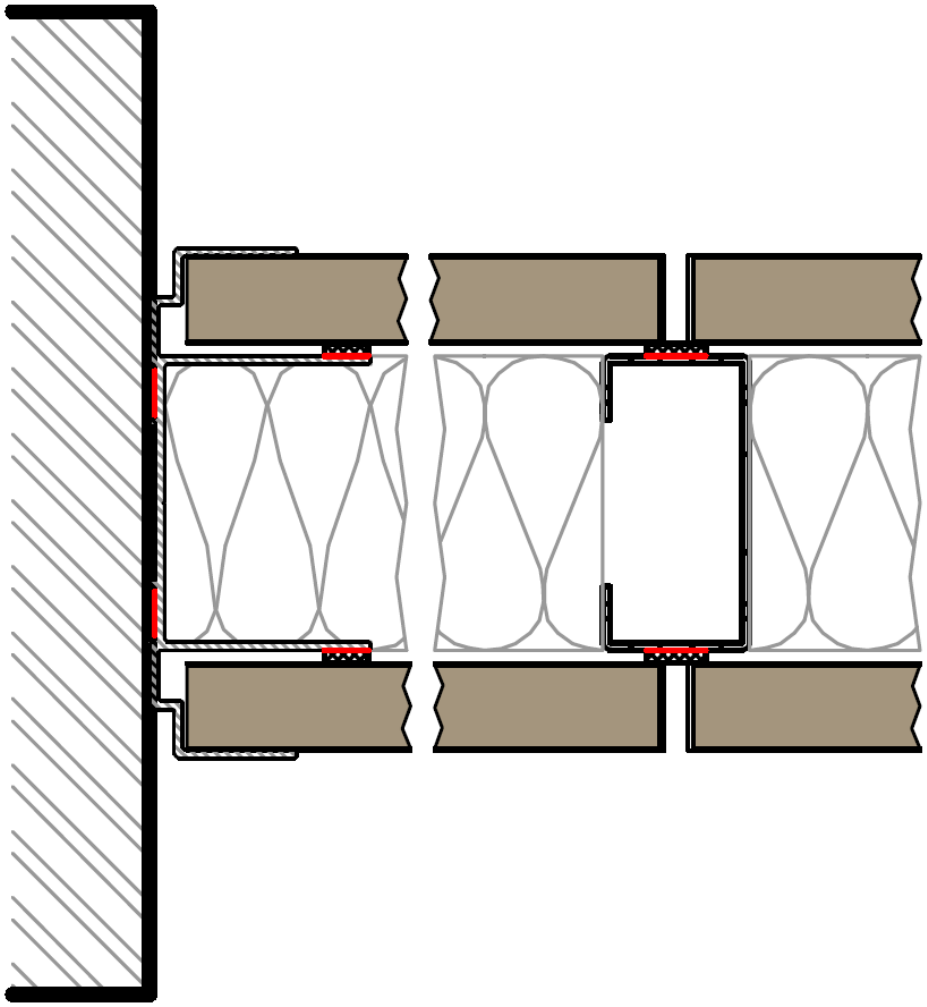


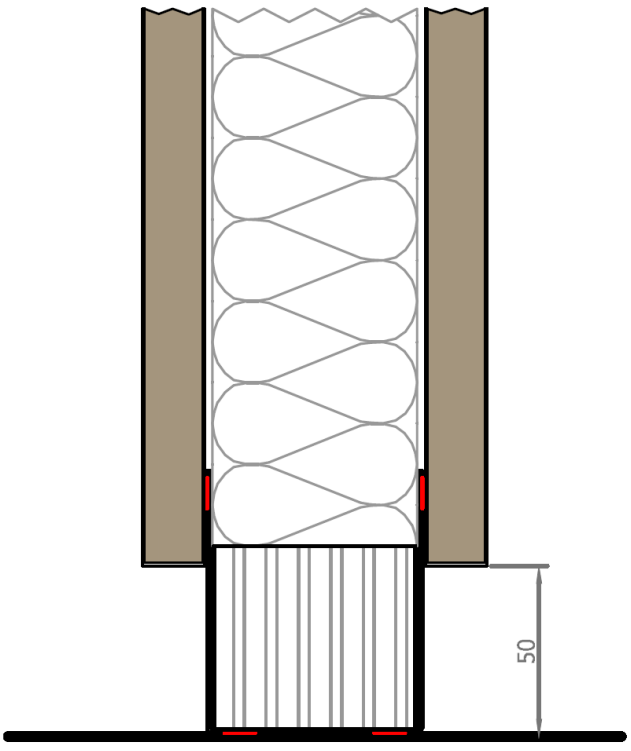


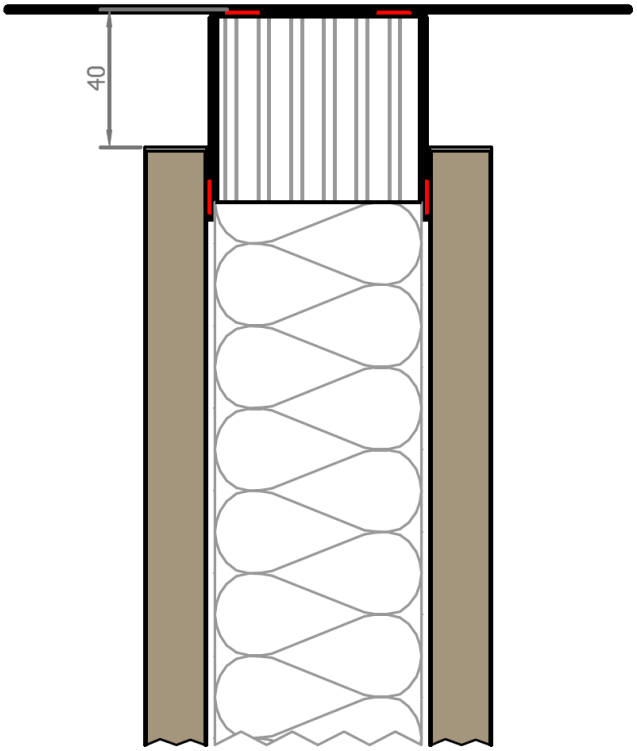
JB2000-30-VW-1-a Opaque partition EI 30, 18mm thick particle board panels			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
214	PARTICLE BOARD LATH 18 x 55	EN 13986, P2, E1	Particle board 18mm thick, density = approx. 650kg/m³
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
505	NAIL ANCHOR 6x60 30mm		Plastic plug, steel zinc coated nail (Fischer N6x60 or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³ or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-1-a

Opaque partition EI 30, 18mm thick particle board panels



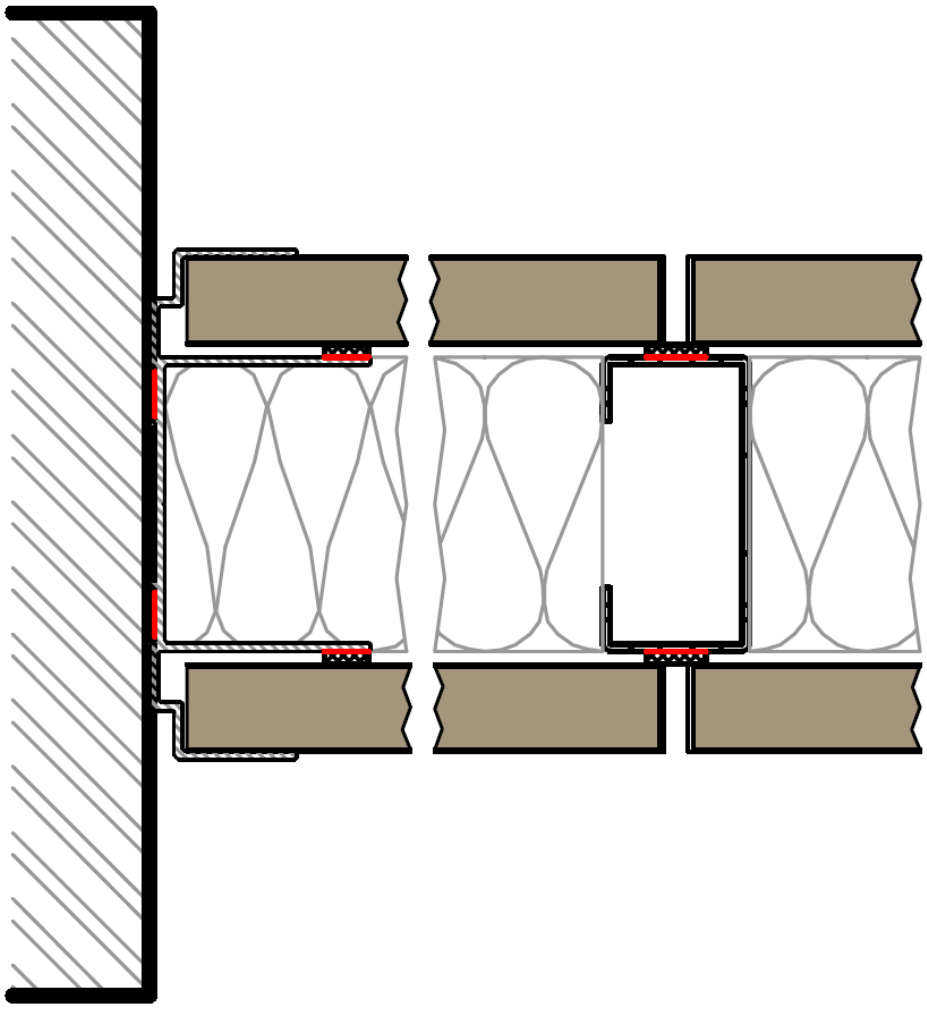


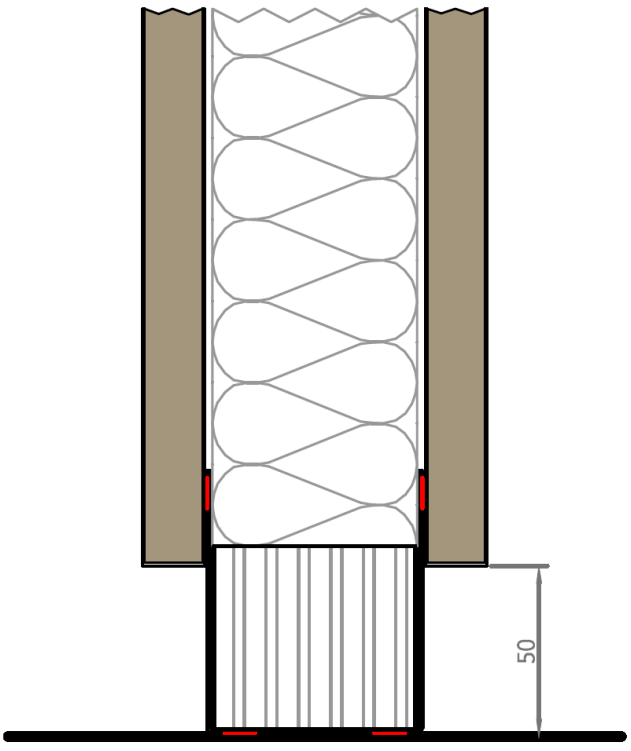


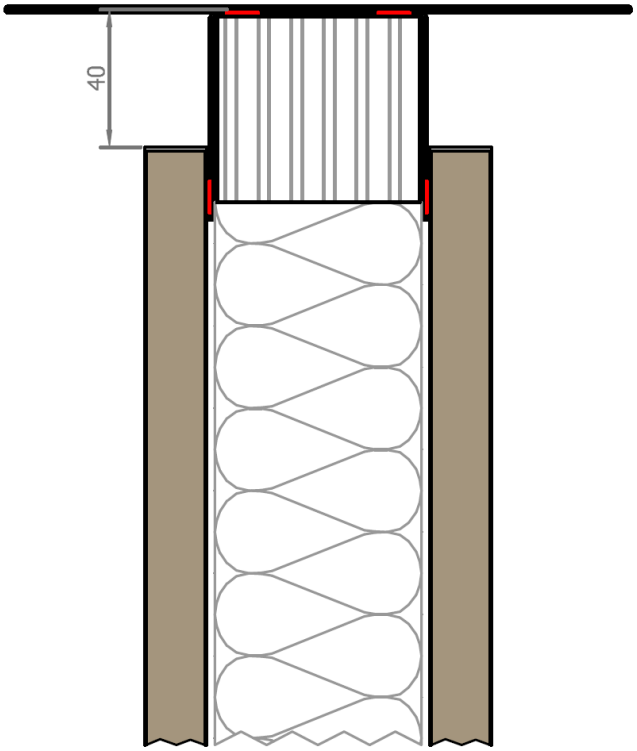
JB2000-30-VW-1-b Opaque partition EI 30, 18mm thick particle board panels, Antivlam			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
214	PARTICLE BOARD LATH 18 x 55	EN 13986, P2, E1	Particle board 18mm thick, density = approx. 650kg/m³
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
505	NAIL ANCHOR 6x60 30mm		Plastic plug, steel zinc coated nail (Fischer N6x60 or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2 Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³ or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-1-b

Opaque partition EI 30, 18mm thick particle board panels, Antivlam



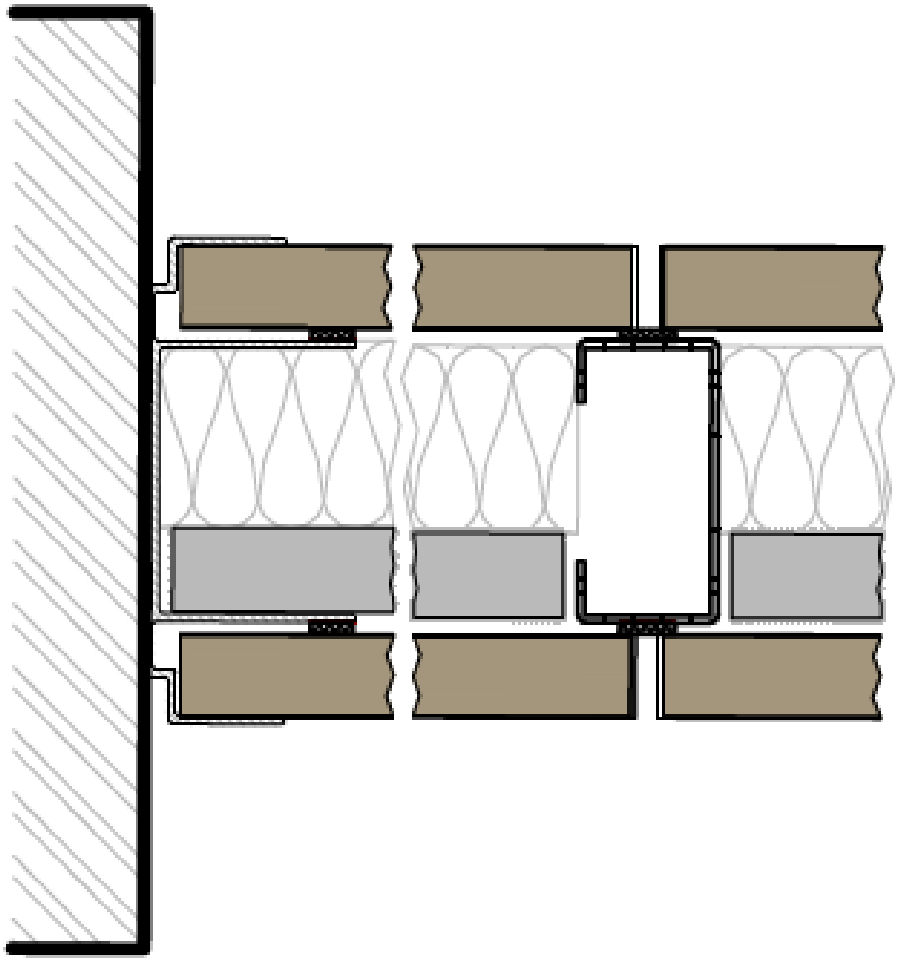


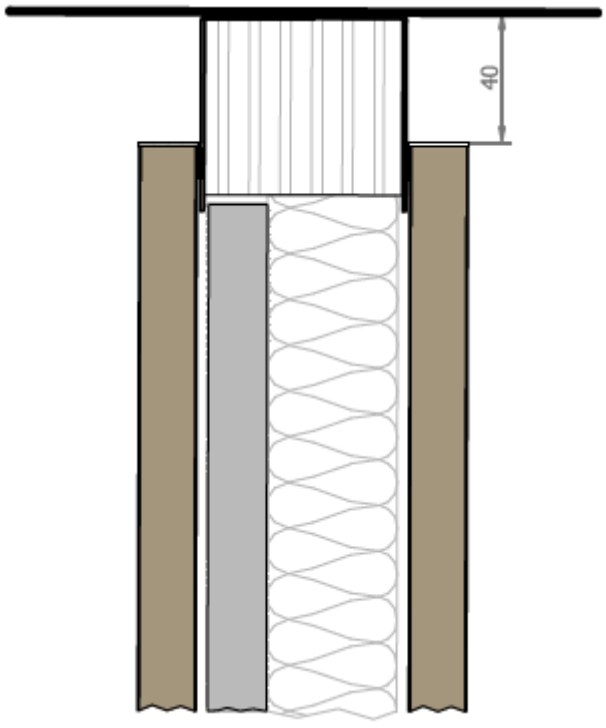


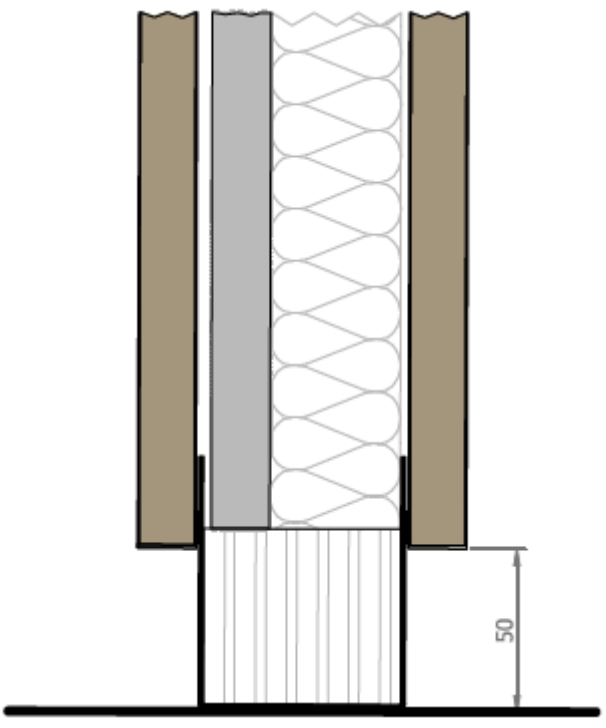
JB2000-30-VW-1-c Opaque partition EI 30, 18mm thick particle board panels, gypsum board 18mm, wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
214	PARTICLE BOARD LATH 18 x 55	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
505	NAIL ANCHOR 6x60 30mm		Plastic plug, steel zinc coated nail (Fischer N6x60 or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
810	Gypsum board 18mm	EN 520	Knauf GKB A18 gypsum board, or equivalent
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³ or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-1-c

Opaque partition EI 30, 18mm thick particle board panels, gypsum board 18mm



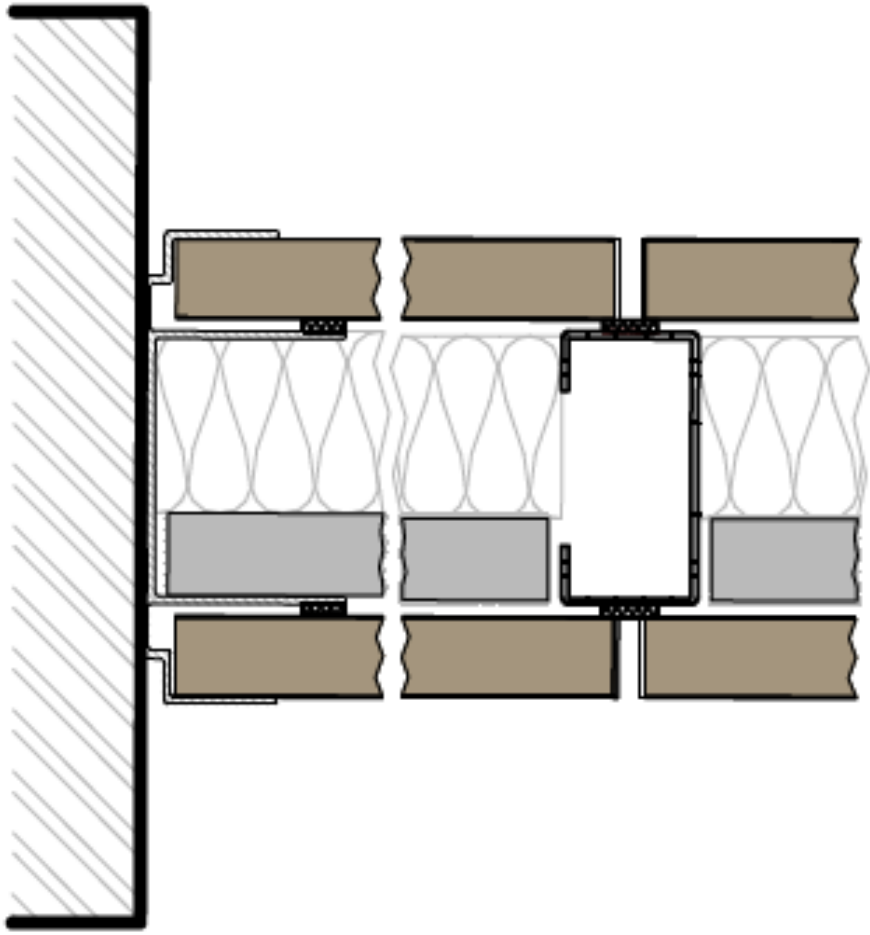


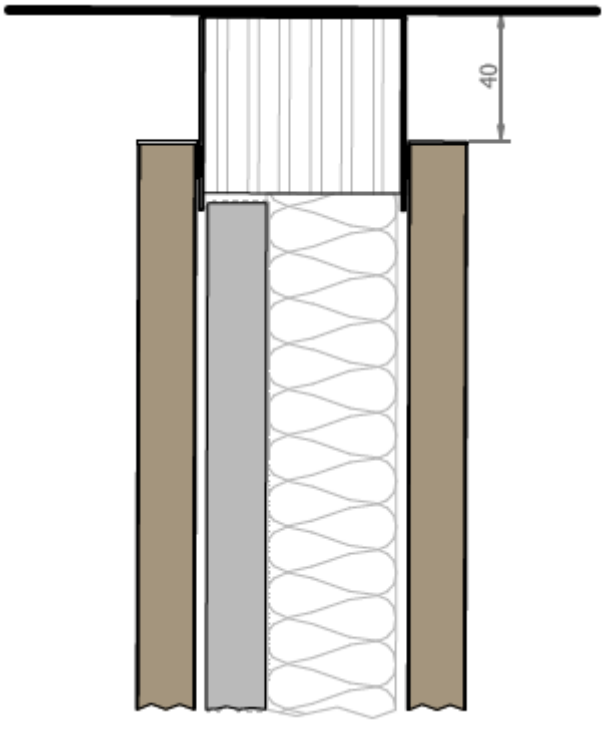


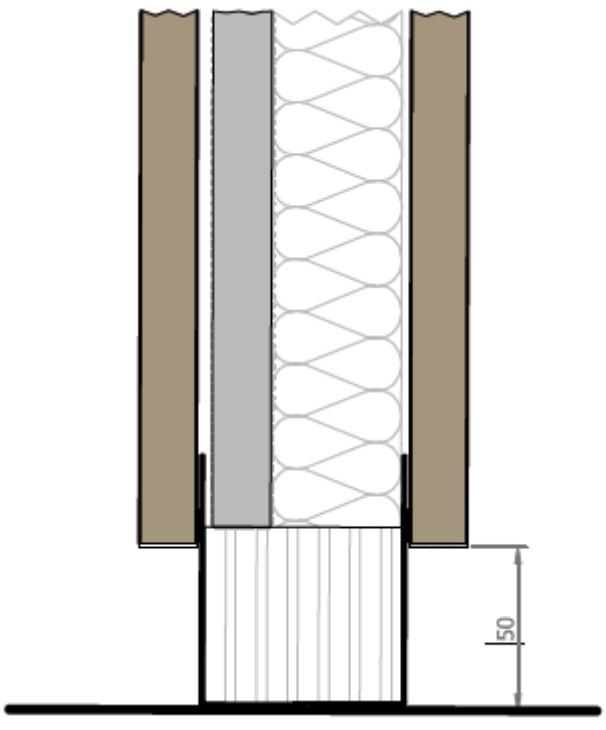
JB2000-30-VW-1-d Opaque partition EI 30, 18mm thick particle board panels Antivlam, gypsum board 18mm, wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
196	WALL CONNECTION PROFILE JB2	EN 573-1 - EN AW-6060, EN 515 - T6 F22	Extruded aluminium profile
214	PARTICLE BOARD LATH 18 x 55	EN 13986	Particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
415	PANEL HOOK LEFT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
416	PANEL HOOK RIGHT	EN 10327 - DX51D+Z275	Steel, 2mm thick, continuously hot-dip zinc coated
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated
505	NAIL ANCHOR 6x60 30mm		Plastic plug, steel zinc coated nail (Fischer N6x60 or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
810	Gypsum board 18mm	EN 520	Knauf GKB A18 gypsum board, or equivalent
853	INSULATION ROCKWOOL 40mm	EN 13162	Mineral wool board Rockwool type 221, density = approx. 55kg/m³ or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-1-d

Opaque partition EI 30, 18mm thick particle board panels Antivlam, gypsum board 18mm



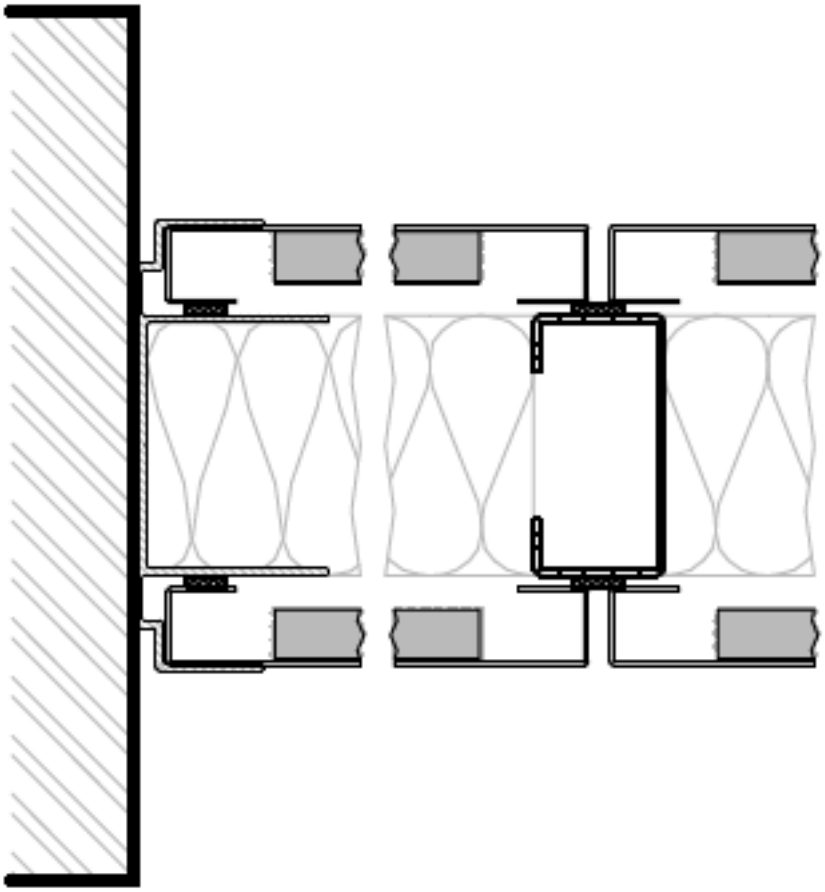


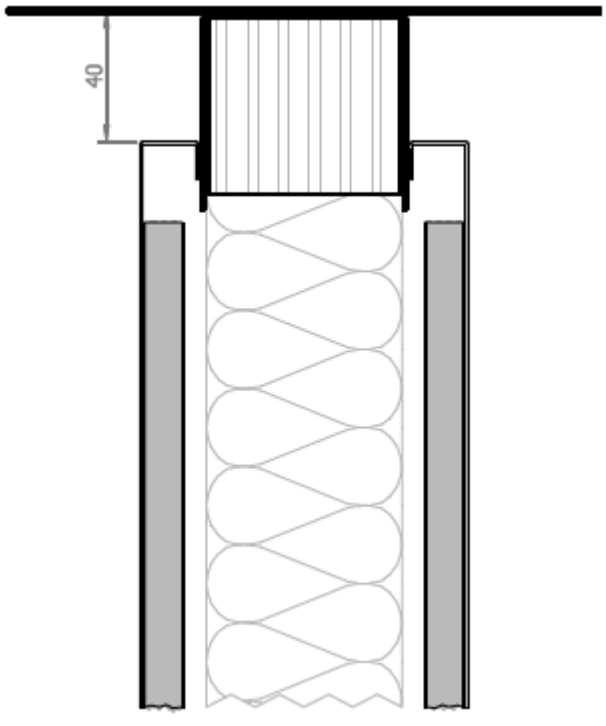


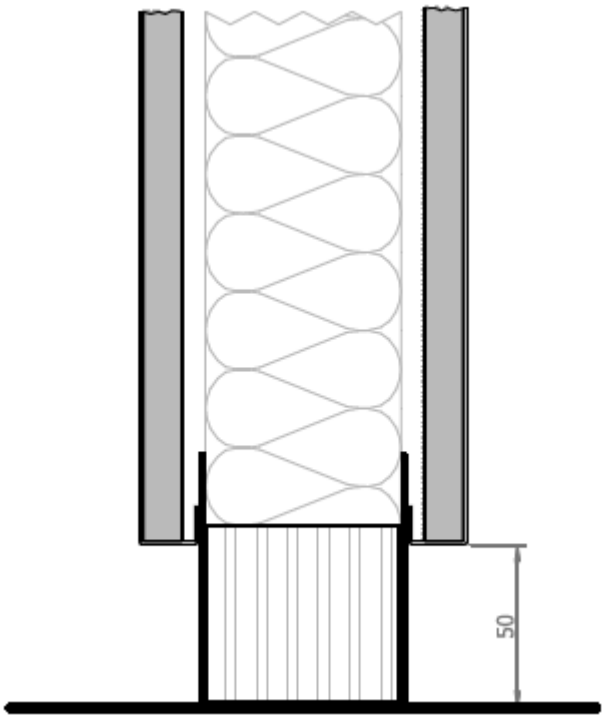
JB2000-30-VW-2-a Opaque partition EI30, panels steel 1mm + gypsumboard 12,5mm, wooden top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
091	CHOCK JB2 54x59mm	EN 13986	Particle board 18mm thick, 3 glued layers, density = approx. 650kg/m³, technical class P2, formaldehyde class E1
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
503	NAIL ANCHOR 5x40 15mm		Plastic plug, steel zinc coated nail (Fischer N5x40, or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
855	INSULATION ROCKWOOL 55x25mm	EN 13162	Mineral wool board Rockwool type 501, density = approx. 100kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-2-a

Opaque partition EI30, panels steel 1mm + gypsumboard 12,5mm, wooden top and bottom chock



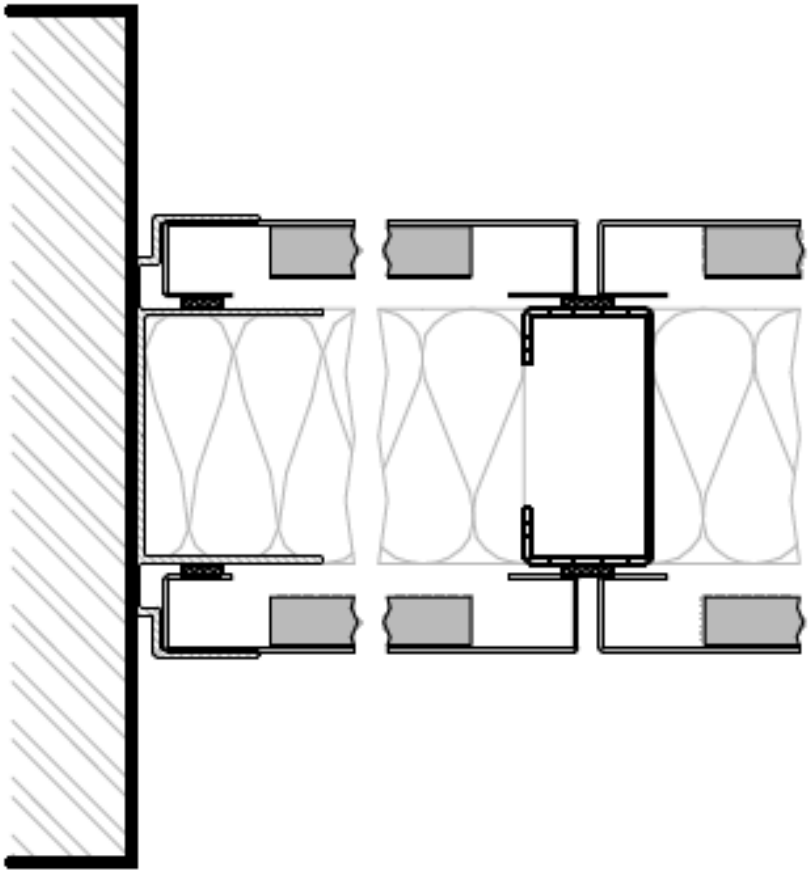


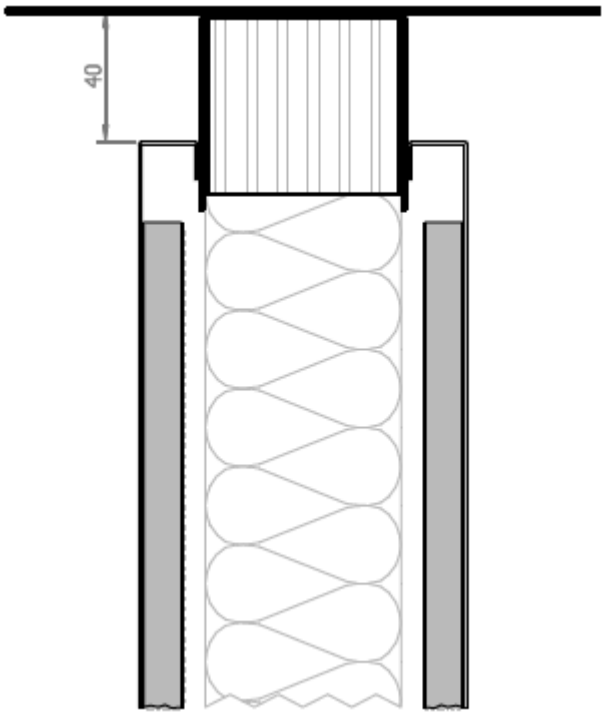


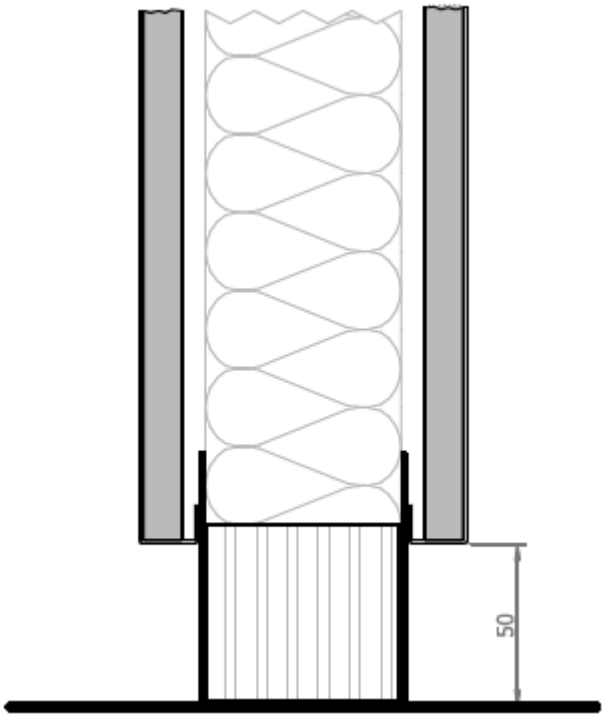
JB2000-30-VW-2-b Opaque partition EI30, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
1956	CHOCK JB2 54x60mm MgO		Magnesiumoxide, density = ca 1050kg/m³
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick, continuously hot-dip zinc coated
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80
503	NAIL ANCHOR 5x40 15mm		Plastic plug, steel zinc coated nail (Fischer N5x40, or equivalent)
507	WASHER 6,4x18mm		Steel, zinc coated
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating approx. 100 µm
826	GYPSUM BOARD 12,5mm	EN 520	Knauf GKB A13 gypsum board, or equivalent
851	INSULATION ROCKWOOL 60mm	EN 13162	Mineral wool board Rockwool type 211, density = approx. 45kg/m³, or equivalent
855	INSULATION ROCKWOOL 55x25mm	EN 13162	Mineral wool board Rockwool type 501, density = approx. 100kg/m³, or equivalent
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-30-VW-2-b

Opaque partition EI30, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock



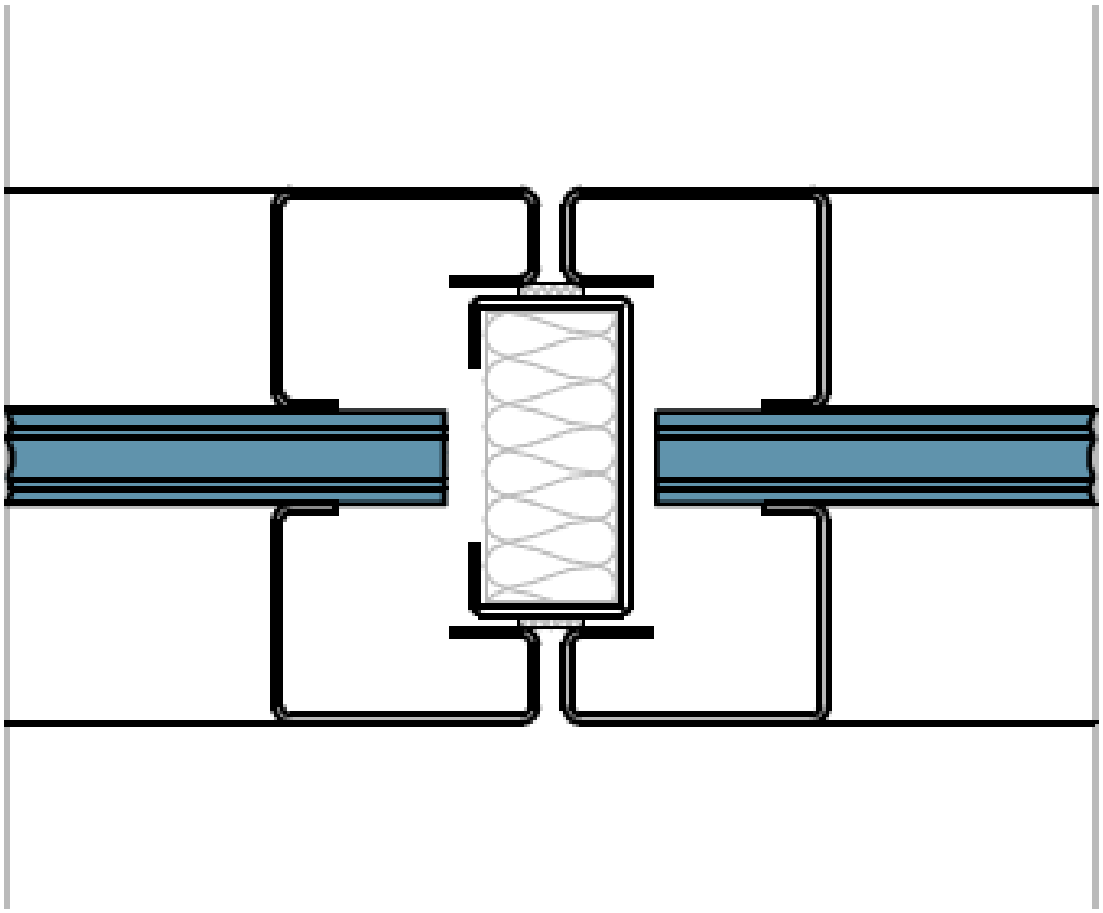


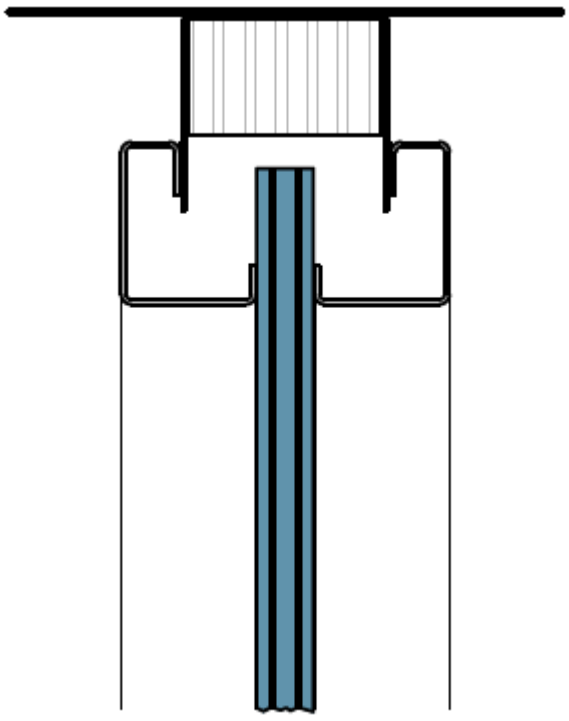


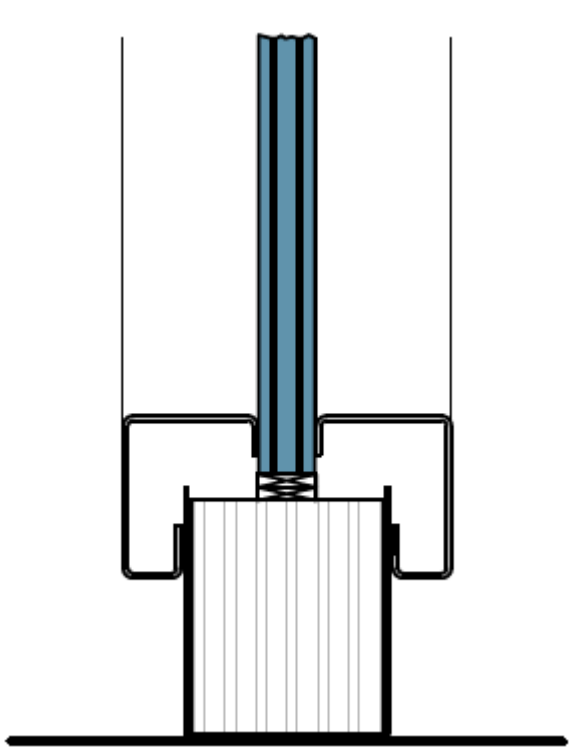
JB2000-30-GW-1-a Glazed partition EI 30			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
030	U PROFILE 80/P63/80	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
033	U PROFILE 60/P63/60	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
1432	WINDOWFRAME PROFILE JB 2000 EI 30	EN 10152 - DC01+ZE25/25	Steel, 1,5mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
153	SECTION STUD JB2	EN 10147 - S 250 GD+Z140-M-A-C	Steel, 1,5mm thick.
194	ADJUSTING FOOT JB2		Steel, zinc coated, foot and stud holder 3mm thick, setscrew M12x80.
207	CHOCK JB2 36x59mm	EN 13986	Particle board 18mm thick, 2 glued layers, density = ca 650kg/m³.
218	FILLING PROFILE FORM-P SELF ADHESIVE 5,5x9		EPDM foam, closed cells
2143	L-PROFILE P19/20 x 1,5mm	EN 10152 - DC01+ZE25/25	Steel, 1,5mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
507	WASHER 6,4x18mm		Steel, zinc coated.
520	SELF-DRILLING SCREW 11mm x 3,9		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
588	BLIND RIVET		Case steel zinc coated, nail steel zinc coated, 2,9 x8mm. Ref. Dejond: 453116.
808	ADJUSTING BLOCK		Hardwood, thickness = 1-5mm, width = 18mm, length = 80mm
855	INSULATION ROCKWOOL 55x25mm		Mineral wool board Rockwool type 501, density = ca 100kg/m³
856	GYPSUM PLASTER		Knauf Goldband
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
1976	INTUMESCENT PRODUCT SELF ADHESIVE 2x20mm		Flexpress, graphite
1019	FIRE-RESISTANT GLASS		AGC Pyrobel 16 EI 30, thickness 17,3 mm
Drawing: see next page			

JB2000-30-GW-1-a

Glazed partition EI 30



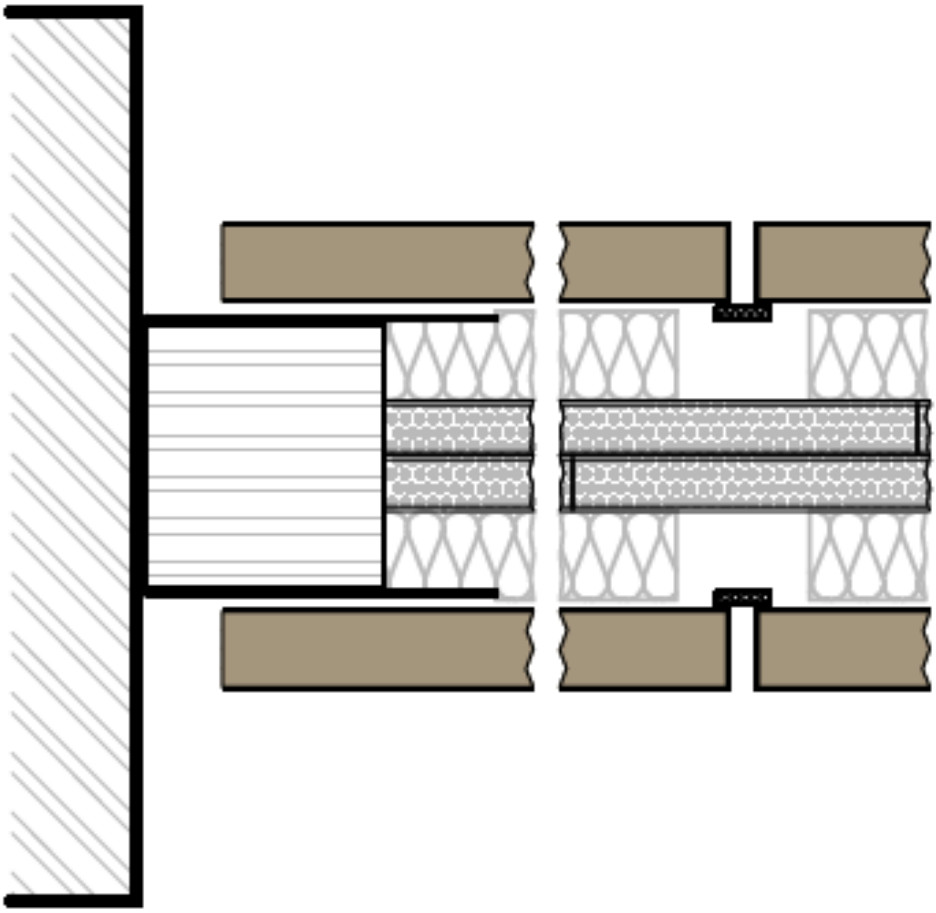


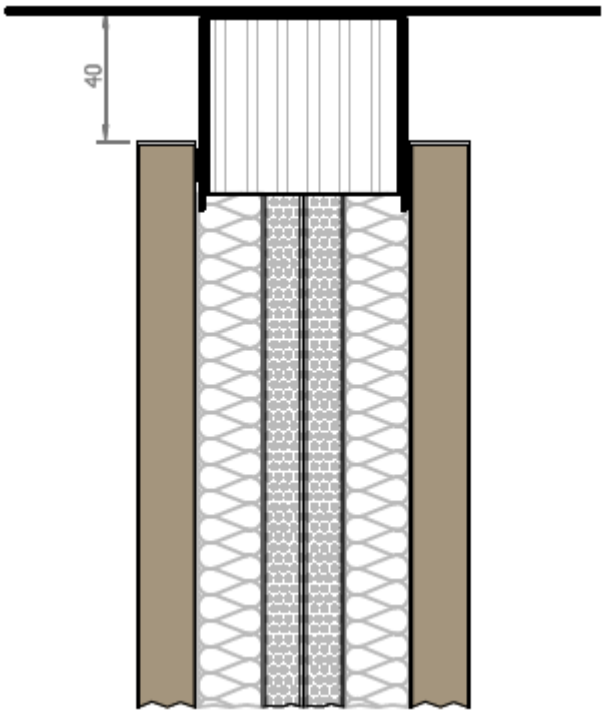


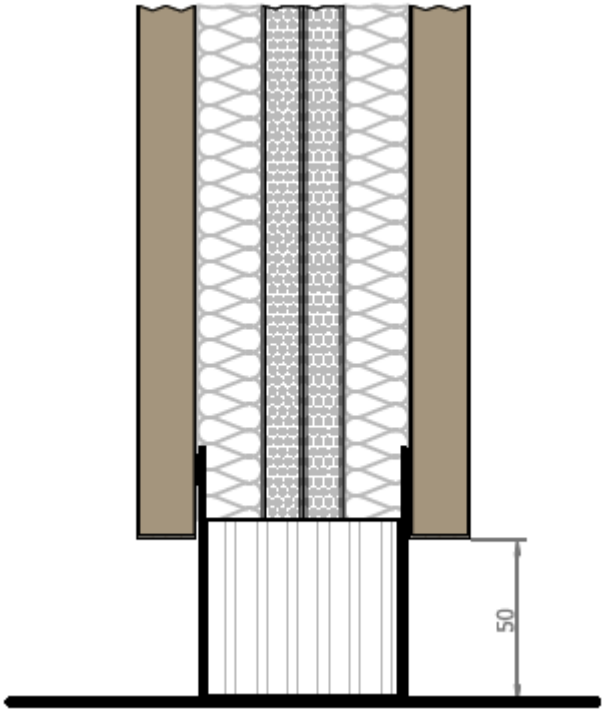
JB2000-60-VW-1-a Opaque partion EI 60, 18mm thick particle board panels, MgO top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
1957	U-PROFILE 25/27/25	EN 10152 - DC01+ZE25/25	Steel, 0,8mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
031	UP PROFILE 80/22/15	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
1956	CHOCK with groove 60x54 MgO		MgO board, glued layers, density = ca 1150kg/m³.
1976	INTUMESCENT PRODUCT SELF ADHESIVE 2x20mm		Flexpress, graphite
1959	Gypsum board 18mm	DIN 18180	Knauf GKF AK 12,5 gypsum board
p00873	Flat Strip H	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated.
415	PANEL HOOK LEFT	EN 10327 - DX51D - Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D - Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
529	NAIL ANCHOR 8x100 60mm		Plastic plug, steel zinc coated nail (Fischer N8x100)
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2	EN 13986	Particle board 18mm thick, density = ca 650kg/m³.
1960	INSULATION ROCKWOOL 20mm		Mineral wool board Rockfloor Base density = ca 90kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-60-VW-1-a

Opaque partion EI 60, 18mm thick particle board panels, MgO top and bottom chock



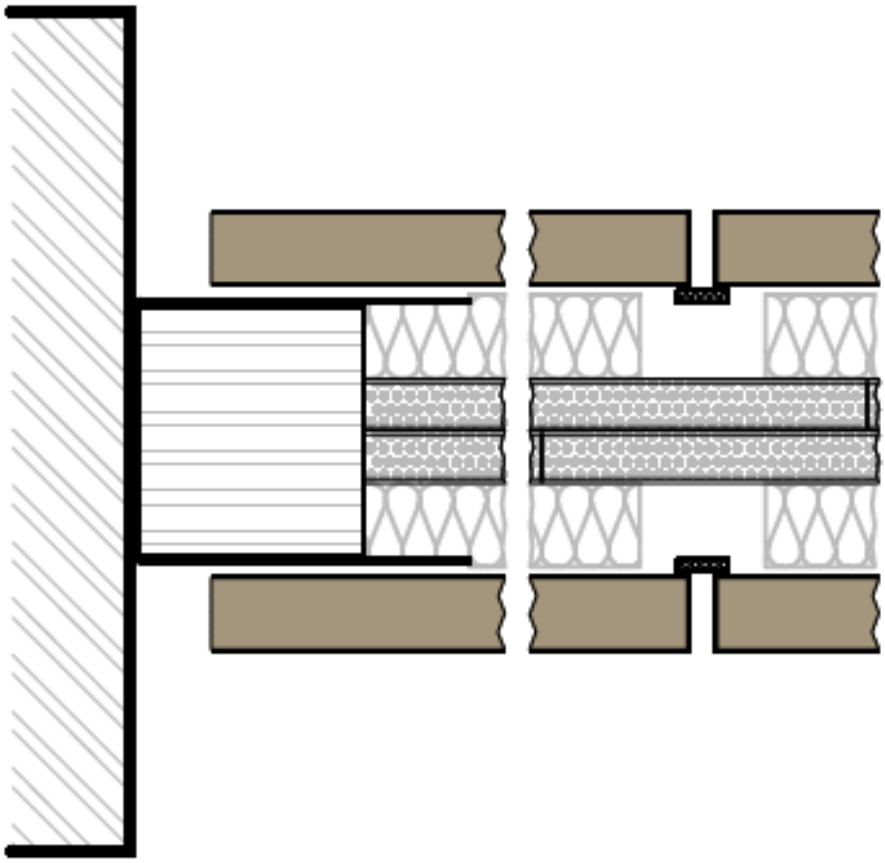


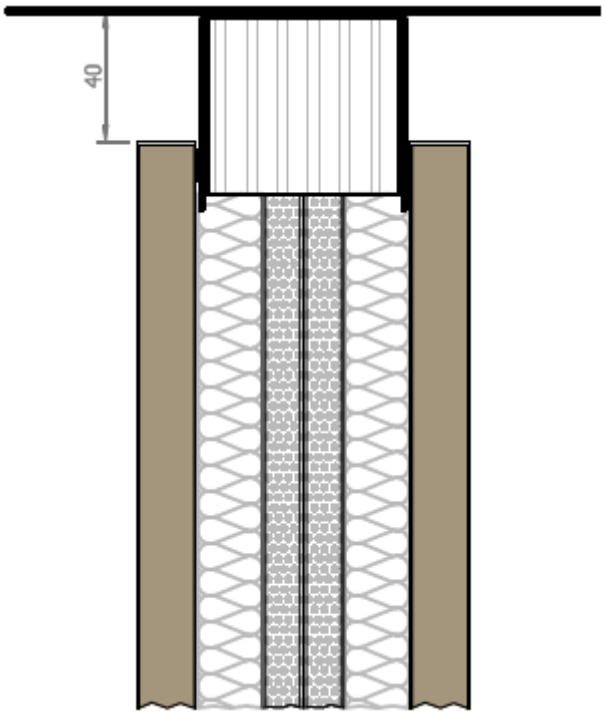


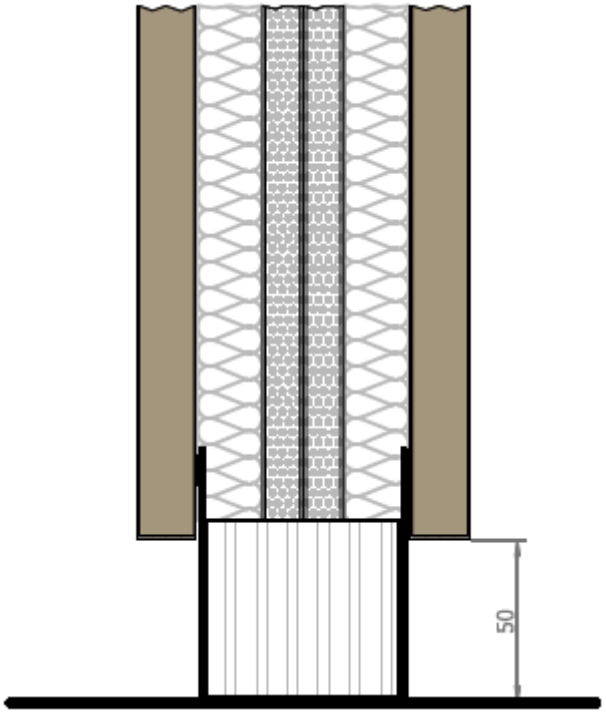
JB2000-60-VW-1-b Opaque partion EI 60, 18mm thick particle board panels Antivlam, MgO top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
1957	U-PROFILE 25/27/25	EN 10152 - DC01+ZE25/25	Steel, 0,8mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
P00699	UP PROFILE 80/22/15	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
1956	CHOCK with groove 60x54 MgO		MgO board, glued layers, density = ca 1150kg/m³
1976	INTUMESCENT PRODUCT SELF ADHESIVE 2x20mm		Flexpress, graphite
1959	Gypsum board 18mm	DIN 18180	Knauf GKF AK 12,5 gypsum board
p00873	Flat Strip H	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated.
415	PANEL HOOK LEFT	EN 10327 - DX51D - Z275	Steel, 2mm thick.
416	PANEL HOOK RIGHT	EN 10327 - DX51D - Z275	Steel, 2mm thick.
500	SCREW FOR CHIPBOARD 20x4.5mm FINE		Steel, zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
529	NAIL ANCHOR 8x100 60mm		Plastic plug, steel zinc coated nail (Fischer N8x100)
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
801	PARTICLE BOARD 18mm FOR JB2, Antivlam	EN 13986	Fire retardant particle board 18mm thick, density = ca 650kg/m³
1960	INSULATION ROCKWOOL 20mm		Mineral wool board Rockfloor Base density = ca 90kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-60-VW-1-b

Opaque partion EI 60, 18mm thick particle board panels Antivlam, MgO top and bottom chock



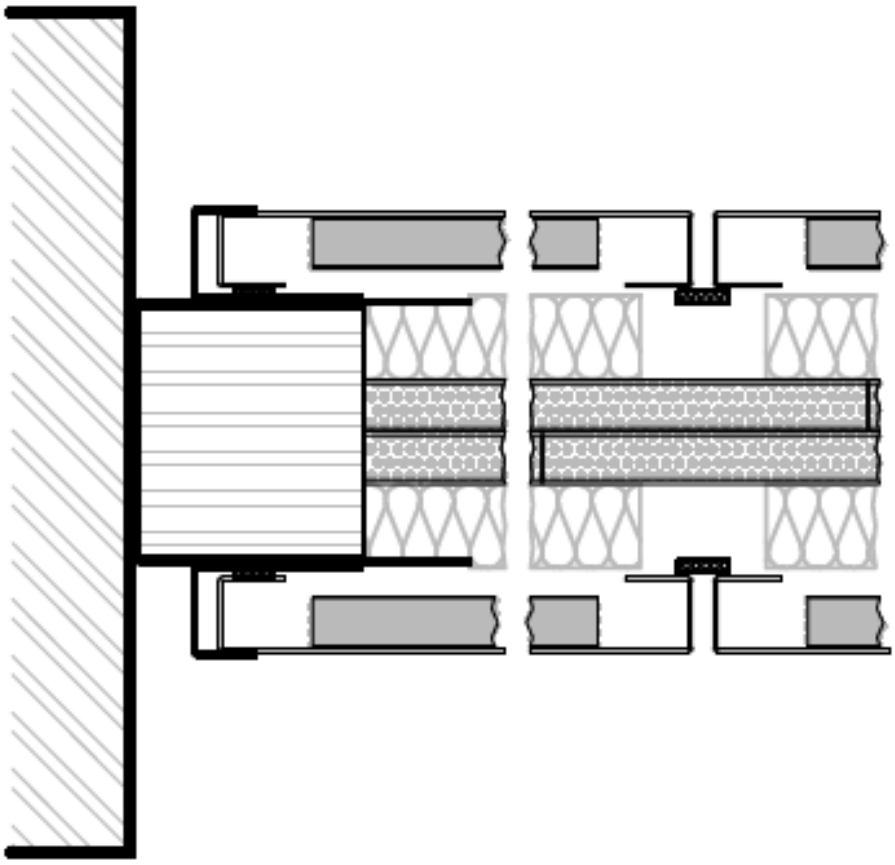


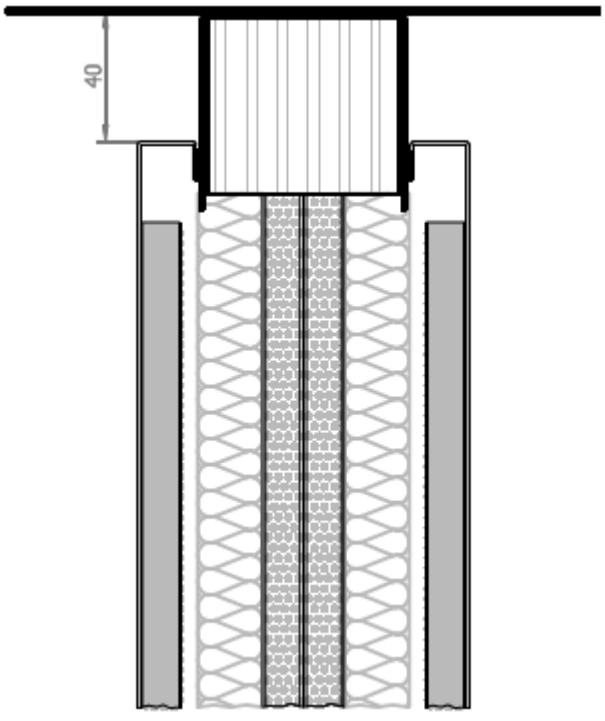


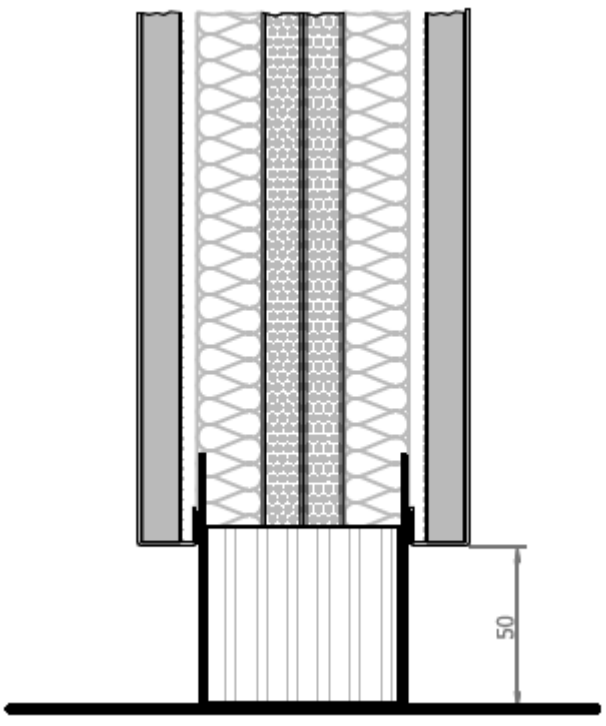
JB2000-60-VW-2-a Opaque partion EI 60, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
1957	U-PROFILE 25/27/25	EN 10152 - DC01+ZE25/25	Steel, 0,8mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
P00699	UP PROFILE 80/22/15	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
1956	CHOCK with groove 60x54 MgO		MgO board, glued layers, density = ca 1150kg/m³.
1976	INTUMESCENT PRODUCT SELF ADHESIVE 2x20mm		Flexpress, graphite
1959	Gypsum board 18mm	DIN 18180	Knauf GKF AK 12,5 gypsum board
p00873	Flat Strip H	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated.
502	SELF-DRILLING SCREW + FLANG 16x4,2mm		Steel, zinc coated.
529	NAIL ANCHOR 8x100 60mm		Plastic plug, steel zinc coated nail (Fischer N8x100)
507	WASHER 6,4x18mm		Steel, zinc coated.
524	SCREW FOR CHIPBOARD 25x4,2mm COARSE		Steel, zinc coated.
776	PANEL JB2 STEEL	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
826	GYPSUM BOARD 12,5mm	DIN 18180	Knauf GKB A13 gypsum board
1960	INSULATION ROCKWOOL 20mm		Mineral wool board Rockfloor Base density = ca 90kg/m³
950	FOAM RUBBER STRIP 3x9mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
951	FOAM RUBBER STRIP 3x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
Drawing: see next page			

JB2000-60-VW-2-a

Opaque partion EI 60, panels steel 1mm + gypsumboard 12,5mm, MgO top and bottom chock







JB2000-60-GW-1-a Glazed partition EI60			
Drawing Nr	**Component**	**Reference, if any**	**Material characteristics**
P00699	UP PROFILE 80/22/15	EN 10152 - DC01+ZE25/25	Steel, 1mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
1956	CHOCK with groove 60x54 MgO		MgO board, glued layers, density = ca 1150kg/m³.
P01291	WINDOWFRAME PROFILE JB 2000 EI 60		Hardwood density = ca 530kg/m³
P01292	WINDOWFRAME PROFILE JB 2000 EI 60	EN 10152 - DC01+ZE25/25	Steel, 1,5mm thick, electrolytically zinc coated. Polyester powdercoating ca 100 mu.
529	NAIL ANCHOR 8x100 60mm		Plastic plug, steel zinc coated nail (Fischer N8x100)
	SCREW FOR CHIPBOARD 120x6mm		Steel, zinc coated.
526	SCREW FOR CHIPBOARD 60x4mm		Steel, zinc coated.
808	ADJUSTING BLOCK		Hardwood, thickness = 1-5mm, width = 18mm, length = 80mm
957	FOAM RUBBER STRIP 5x12mm		Polyethylene small sized cell foam, one-sided adhesive, density = 60kg/m³
966	INTUMESCENT PRODUCT SELF ADHESIVE 2x50mm		Flexpress, graphite
955	INTUMESCENT PRODUCT SELF ADHESIVE 4x25mm		Flexpress, graphite
	SILICONE Z transparant		neutral silicone
I00001	FIRE-RESISTANT GLASS		AGC Pyrobel 25 EI 60, thickness 25 mm
Drawing: see next page			

JB2000-60-GW-1-a

Glazed partition EI60