

BEDDELEEM



— JB 4000

JB 4000
JB 4000 XL
JB 4000 STEEL LINE

B



JB 4000 XL

— JB 4000

Simplicity and transparency are the two key words that describe our JB 4000 partition systems.

The JB 4000 system impresses with its sleek lines and pure transitions. Transparency ensures the barriers you need without compromising architectural freedom, style and technical performance.

Different door assemblies offer unique options and ensure that the JB 4000 adapts to the dream design of the customer. Sliding, fully glazed or HPL-finished wooden (High Pressure Laminate) doors are just some of the many options to choose from.

The JB 4000 system can easily be combined with the JB 2000 system and its many variants. Technical nodes can therefore be integrated flawlessly with no aesthetic loss.

The system also combines with plasterboard systems, thanks to our own transition profiles. That makes for a seamless, smooth transition.



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— JB 4000



JB 4000 STEEL LINE

Glazed partition EI00

The system features a continuous aluminium top and bottom profile, finished with a durable powder coating. A clip profile secures the glass.

The system can be provided with a steel look by subdividing the glass panels with extra profiles for a sleek, elegant and industrial result.

JB 4000

Glass types:
— 12 mm clear toughened
— 12 mm laminated
— 12 mm laminated AKO

JB 4000 XL

Glass types:
— 16 mm laminated
— 16 mm laminated AKO

JB 4000 STEEL LINE

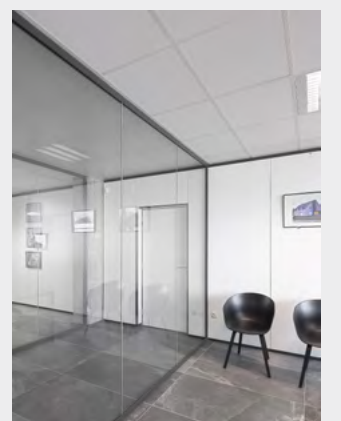
Subdivision types:
— H / 3 *
— H / 4
— H / 5
— Other versions on demand

Additional profiles:
— width 30 mm

* standard JB 4000 STEEL LINE



JB 4000 STEEL LINE



JB 4000

Unite

01 —

Door assembly on floor spring



An aluminium doorway frame whether or not completed with a door on a floor spring. This may be a glazed or plain door leaf. The full glass door assembly can be provided with the steel look (JB STEEL LINE).

03 —

Glazed aluminium door assembly



An aluminium doorframe with a door leaf that consists of an aluminium frame with single or double glazing. This glazed aluminium door assembly can be combined with JB STEEL LINE.



02 —

Glazed sliding door



A glazed sliding door that slides in front or in back of the partition. This glazed sliding door can be fitted with the steel look (JB STEEL LINE).

combine—

04 —

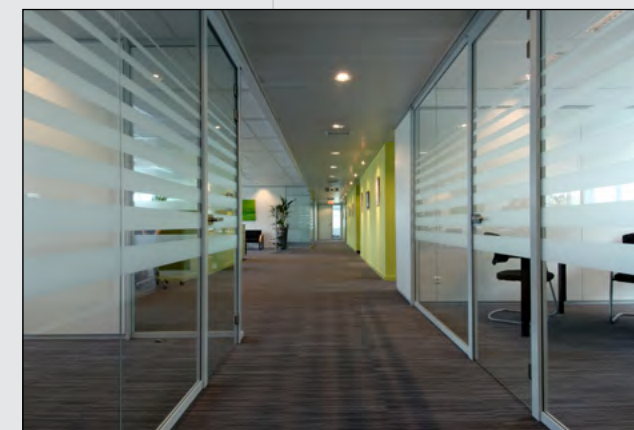
Plain door assembly



The door leaf is either 40 mm or 50 mm thick in an aluminium or steel door frame according to the requirements.

05 —

Fully glazed door assembly

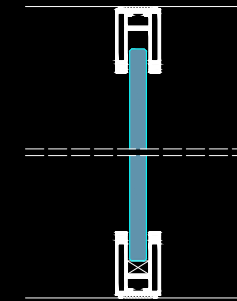


The fully glazed door assembly can be provided with the industrial steel look (JB STEEL LINE).

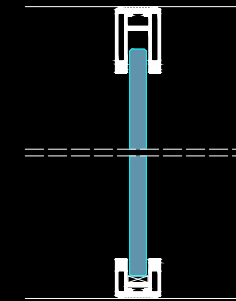
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JB 4000 technical details

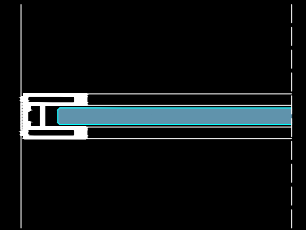
TECHNICAL DETAILS JB 4000 & JB 4000 XL



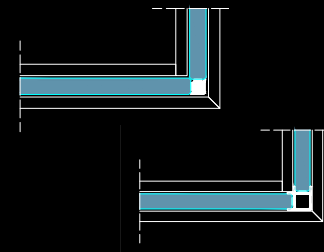
Vertical cross-section
Profile 50/50 mm



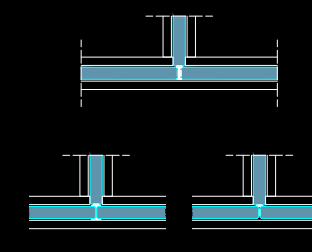
Vertical cross-section
Profile 30/50 mm***



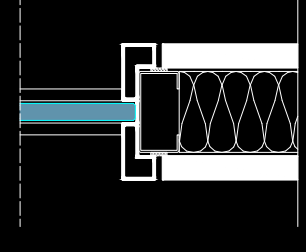
Horizontal cross-section
Wall connection



Horizontal cross-section
Corner solution



Horizontal cross-section
Partition connection



Horizontal cross-section
Connection JB 4000 - JB 2000



I-coupling*



T-coupling



H-coupling

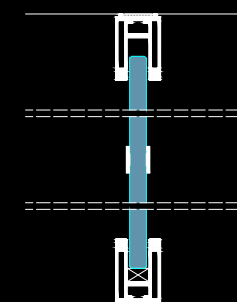
The standard connections between the glass panels use an anodised aluminium I-profile, but here again other options are possible. In the corners too, the glass plates are joined by analogy with the normal/right connection.

Possible glass connections:

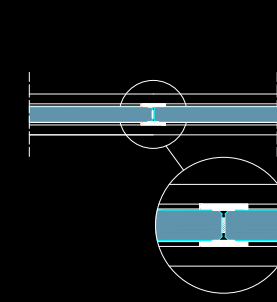
- I - coupling*
- T - coupling**
- H - coupling

* standard JB 4000 (XL)
** standard JB 4000 STEEL LINE
* only available with JB 4000 (STEEL LINE)

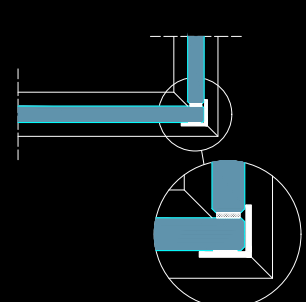
TECHNICAL DETAILS JB 4000 STEEL LINE



Vertical cross-section



T-coupling**



Corner solution

PRODUCT INFORMATION

PARTITION WIDTH

The standard glass partition module is 900mm.
(Other modules available on request)

PARTITION HEIGHT

The maximum partition height is determined by the glazing chosen, according to conducted tests:

JB 4000 (STEEL LINE)
Max. partition height = 3000 mm
12 mm clear toughened
12 mm laminated
12 mm laminated AKO

JB 4000 XL (STEEL LINE)
Max. partition height = 3800 mm
16 mm laminated
16 mm laminated AKO

BUILDING TOLERANCES

Despite the narrow profiles the system can cope with the following building tolerances:

With profiles of 34x50 mm:
± 10 mm for the floor
± 10 mm for the ceiling

With profiles of 34x30 mm*:
± 10 mm for the floor
± 5 mm for the ceiling

* Only available with JB 4000 (STEEL LINE)

WEIGHT

JB 4000 (STEEL LINE) ca 30kg/m²
JB 4000 XL (STEEL LINE) ca 40kg/m²

PAINTWORK

All visible profiles can be obtained in a choice of RAL colour. Ask for our sample card for the most recent range.

REACTION TO FIRE

The JB 4000 glass partition is non-flammable, Class A1 in accordance with EN 13501-1 and meets the highest classification for reaction to fire.

FIRE RESISTANCE

The JB 4000 system is currently only available as class EI00

Combination options with the JB 2000 partition system can be used to provide fire resistance in some zones. Please consult the JB 2000 system description.

ACOUSTICS

The acoustic tests are conducted in accordance with the standard EN ISO 10140-2.
The acoustic performance is displayed with the single number rating according to the NBN EN ISO 717-1, and with the class according to the NBN S 01-400.

Glazed partition

	NBN S 01-400	NBN EN ISO 717-1 (Rw)
JB 4000 (STEEL LINE)	IVb	36dB
JB 4000 A (STEEL LINE)	IVa	40dB*
JB 4000 XL (STEEL LINE)	IIIb	39dB*
JB 4000 XL A (STEEL LINE)	IIIb	41dB*

Door assemblies in the partition**

Plain door assembly

	Thickness	NBN S 01-400	NBN EN ISO 717-1 (Rw)
DGV 32	40 VS	IVb	32dB
DGV 37	50 VS	IVa	37dB
DGV 43	50 ML + drop seal	IIIb	43dB

Glazed door assembly

	Glass thickness	NBN S 01-400	NBN EN ISO 717-1 (Rw)
DGSG 28	10	/	28dB
DGSG 37	10 + drop seal	IVa	37dB

Alu/beglaasd deurgeheel

	Glass thickness	NBN S 01-400	NBN EN ISO 717-1 (Rw)
DGEG 40	12 + drop seal	IVa	40dB
DGEG 41	12 AKO + drop seal	IVa	41dB

* As certified by glass supplier
**Values based on JB 2000 door assemblies
Note: All certificates are available on request

CRADLE TO CRADLE

The JB 4000 system is available as Cradle to Cradle™ Silver with toughened glass and as Cradle to Cradle™ Bronze with layered glass.

Available in following colours: RAL 9005 Jet Black, RAL 9006 White Aluminium, RAL 9016 Traffic white, RAL 9004 Signal black and RAL 7022 Umbra grey.



The details are not the details. They make the design.

Charles Eames

In the interests of quality, we reserve the right to adapt technical elements and characteristics of the products, without further commitment on our part.
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