

BEDDELEEM



— JB PURE 100

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Pure, compact and yet packed with features

The JB PURE 100 system combines clean lines and minimalistic profile sections with high acoustic performance. The full partition achieves values up to 53 dB. The glass partition up to 51 dB offers transparency without sacrificing comfort.

JB PURE 100 is a double glazed system wall with a thickness of 100 mm. Its appearance is based on the JB PURE 50 partition, with an upper profile of 50 mm and a lower profile of 30 mm high. The slim aluminium profiles still absorb the necessary building tolerances.

JB PURE 100 provides an answer to today's acoustic requirements in the office world, to the demand for flexibility, performance and aesthetics, and does so with brilliance and without compromise.



BEDDELEEM

— JB PURE 100



Glazed partition

EI00

JB PURE 100 is a single or double glazed system wall with a thickness of 100 mm.

JB PURE 100 consists of a slim aluminium upper and lower profile with a durable powder coating.

Glass types:

- 12 mm laminated (AKO)
- 16 mm laminated (AKO)
- 20 mm laminated (AKO)

Air transfer element:

You can easily provide any room with sufficient ventilation through a module with non-transparent glass.



— JB PURE 100 FULL



Full partition EI00

JB PURE 100, with its pure transition from glass wall to solid wall offers an answer to today's aesthetic and acoustic requirements in the office world.

The full panels can be edged with laser technology creating a very beautiful, minimalist joint.

Unique in the world of partitions!



Unite & combine—

01 —

Plain door assembly 50



The door leaf is 50 mm thick and is thereby flush with the aluminium doorframe on the corridor side.
Acoustics (Rw): 31 - 39 dB

03 —

Plain door assembly 100



An aluminium door frame with a full door leaf 101 mm.
Acoustics (Rw): 38 - 49 dB

02 —

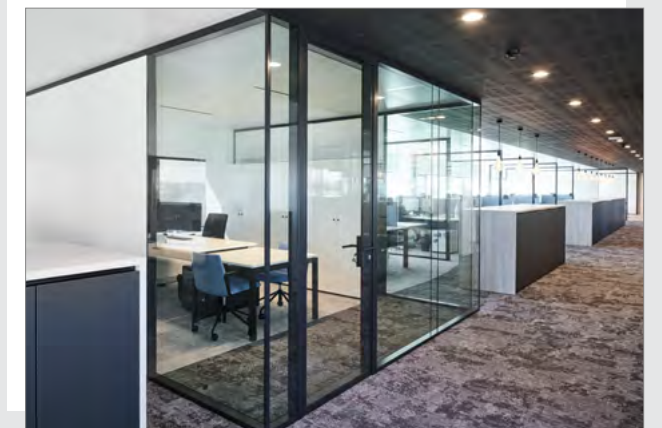
Glazed aluminium door assembly 50



An aluminium door frame with a door leaf 52 mm that consists of an aluminium frame with single or double glazing.
Acoustics (Rw): 23 - 40 dB

04 —

Glazed alu door assembly 100

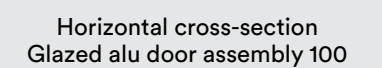


An aluminium door frame with a leaf of 101 mm that consists of an alu frame with double glazing.
Acoustics (Rw): 41 - 45 dB

Note: All certificates available on request

JB PURE 100

technical details





PARTITION WIDTH

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

PARTITION HEIGHT

Glazed partition	
JB PURE 100	Max. partition height = 2870 mm 12 + 12 mm laminated (AKO)
JB PURE 100 XL	Max. partition height = 3570 mm 12 + 16 mm laminated (AKO)
JB PURE 100 XXL	Max. partition height = 4100 mm 16 + 20 mm laminated (AKO)

Full partition	
JB PURE 100 FULL	Max. partition height = 3000 mm

BUILDING TOLERANCES

Despite the narrow profiles the system can cope with the following building tolerances::
± 5 mm for the floor
± 10 mm for the ceiling
± 10 mm on door assemblies

WEIGHT

12 + 12 mm	ca 65 kg/m²
12 + 16 mm	ca 74 kg/m²
16 + 20 mm	ca 94 kg/m²

GLASS CONNECTION

The standard connections between the glass panels use an aluminium H-profiel. This coupling can be obtained in a RAL-colour of your choice at an extra charge.

Possible glass connections:
H - coupling *
K - coupling
T - coupling **

* standard
** coupling with tape is not recommended due to limitations of moveability and maintenance.

LACQUERING

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 PURE 100 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 PURE 100-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.

FLOW

Air transfer element

	2 Pa (m³/h)	10 Pa (m³/h)
GW1	±115	±260

Flow rate per running meter of air transfer element.

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)
G45	IIIa	45dB
G49	IIb	49dB
G50	IIb	50dB
G51	IIb	51dB
G52 (JB PURE QUIET)	IIa	52dB
G55 (JB PURE QUIET)	Ib	55dB

Full partition

	NBN S 01-400	NBN EN ISO 717-1 (Rw)
VWH47	IIIa	47dB
VWH51	IIb	51dB
VWH53	IIa	53dB

Note: All certificates available on request

Air transfer element

The combination of an air transfer element next to a door assembly has no influence on the acoustic value of the assembly, up to a width of 0.5 m of the air transfer element.

SUSTAINABILITY & CIRCULARITY

Beddeleem aims to limit the environmental impact of its activities, products and services to a minimum.
From the initial concept design of a product we take account of the after-use phase, extending the product's useful life. Important metrics for this include the use of material, the degree of adaptability and the process.

CRADLE TO CRADLE

The JB PURE 100 glass wall system is available as Cradle to Cradle® Silver.

Available in various RAL colors.



B Inspired

01 — JB PURE 50



The JB PURE 50 & JB PURE 100 systems combine both single (ONE) and double (TWO) glazing, have their own door systems and are also compatible with our other relocatable partitions. The eccentric arrangement of the glass in the ONE ensures a seamless transition to the TWO. This combination ensures streamlined corridor walls and also offers advantages in terms of technical requirements (e.g. acoustics) and budget.

02 — JB OFFICE furniture



Discover our range of JB DESK tables, our office furniture and our comfortable and ergonomic seating. Beddeleem is a distributor of several well-known and lesser-known brands such as Vitra, Wilkhahn, Interstuhl, Arper, Andreu World, Artifort Lande, Muuto, Kusch+Co, Akaba, ...

03 — JB PURE 100 WOOD



Combining the advantages of the JB PURE 100 wall with the warm atmosphere of wood? The JB PURE 100 WOOD system consists of slim veneered aluminium profiles with large glass surfaces. The simple and minimalistic design forms a nice contrast with the aluminium glass walls in our range.

04 — Media provisions



Multimedia is here to stay in today's office buildings. We provide extra reinforcements and/or supports, customised for your media requirements.

05 — JB PURE QUIET



JB PURE QUIET is a variation on the JB PURE 100 relocatable partition. With a wall thickness of 200 mm, the high acoustic performance of JB PURE 100 can be increased to unrivalled results for a glass wall. Up to 55 dB.

06 — JB BLINDS



Light and privacy are important factors that are all too often ignored. For this Beddeleem offers 3 known systems, which can be integrated in the system partitions or not:

JB ROL - roller blinds
JB DRAPE - vertical blinds or curtains
JB FLEX - horizontal blinds *

* JB FLEX can be integrated in the glazed wall system JB PURE 100 (electric operation rotatable slats)

Discover our JB products —

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**Each new
situation
requires
a new
architecture.**

Jean Nouvel



JB PURE 100

partitions



— Cradle to Cradle® certified

During the design process of its products Beddeleem follows the 'Cradle to Cradle Certified® Product Standard'.

Beddeleem already has various products under the Cradle to Cradle® banner and aims to have even more products certified in the future, both by adapting existing products and by taking account of the criteria when designing new products.

We strive not to have any waste at the end of a product's life cycle. Indeed, many of our products are completely or very largely reusable and as such have several "lives".

The materials that cannot be reused as such are recycled as much as possible into raw materials for the manufacture of new products.



WOOD
100% of recycled material

ALUMINIUM
79% of recycled material

GLASS
29.9% of recycled material

MINERAL WOOL
61% of recycled material



Cradle to Cradle® is based on the following 5 criteria, which also underpin the circular economy :

01—Safe and sound use of material

Beddeleem strives to investigate and assess all raw materials of all products in terms of their impact on public health and the environment. Accordingly, safer and healthier options are sought wherever necessary.

02— Reuse of materials

Beddeleem products are mostly made of glass, aluminium, steel and wood. These are recyclable and are designed in such a way that many of the components can be re-used again and again with the same quality level.

03—Renewable energy

With a view to total self-sufficiency in electricity, Beddeleem generates sustainable energy by means of solar panels. The 30,000 m² roof on our factory in Nazareth has more than 5,500 solar panels, which equates to around 1.1 megawatts peak capacity. Around 50% of this is for own direct use and 50% is fed back to the power supply network. In addition, we have concluded a contract with our energy supplier to purchase the remaining electricity, which we purchase, green. Together with the green electricity we generate ourselves, this means that we produce all our products using 100% green electricity. Carbon credits (VER credits) were also purchased to offset about 50% of our CO2 emissions, due to the consumption of natural gas.

04—Water management

Beddeleem uses water during the coating process and ensures that the water used is purified before being discharged back into the sewerage system.

05—Social justice and business ethics

Beddeleem products are socially sustainable. Motivated and healthy employees are, after all, important to productivity and image.



Beddeleem is the first Belgian CO2-Neutral building company.

We have been taking our responsibility for years in the area of **sustainable business**. In 2016 we obtained our first Cradle to Cradle Certified® Certificate, in 2021 we obtained the CO2-NEUTRAL COMPANY label, certified by Vinçotte, a guarantee of real efforts in this area.

From our **Beddeleem Circular** project, in which we already offer recycled products from our former projects, we have taken the next logical step in our sustainability journey: the partnership with a **materials database**, whose objective is to accelerate the exchange of building materials and thus extend the real life of our products.

As a contractor and manufacturer, we want to be the partner and point of contact of architects and property owners who, together with us are committed to a **sustainable office environment**.



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