

BEDDELEEM



— JB DOOR



— JB DOOR

The JB DOOR door assembly is a dry finishing system with a limited number of parts, so that it can be installed quickly and with no mess, without using specialist tools. The design stands out for its clean lines and right angles.

The door assemblies can be used in all non-domestic buildings and are ideal for closing doorways in a wide range of fixed partition types. Our range includes hinged doors, swing doors and sliding doors.

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Door assembly

Frames are available in several versions, including:

- JB DOOR FIX, a steel door frame
- JB DOOR MPX, a multi-ply door frame
- JB DOOR BLOK, a solid wood door frame
- JB DOOR HIDE, a concealed aluminium door frame.

JB DOOR is also available in fire-resistant, security and acoustic Versions.

Depending on the properties required, there is a choice of several door leaf types, such as plain or fully glazed or aluminium glazed door leaf, which each lend their qualities to the interior.



Performance—

01 —

Fire safety

EI00	EI30	EI60
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Beddeleem manufactures an extensive range of fire-resistant door assemblies with fire resistance of 30 or 60 minutes.

The different options for obtaining a given level of fire resistance depend on the type of door frame in combination with a specific door leaf. The thickness of a door leaf is in proportion to its height, or may be adapted if higher fire resistance is required.

Whichever door leaf you choose, it is available in the following frames:
JB DOOR FIX
a steel door frame
JB DOOR MPX
a multi-ply door frame
JB DOOR BLOK
a solid wood door frame
JB DOOR HIDE
a concealed aluminium door frame

All fire resistance tests have been conducted in accordance with the Belgian standard NBN 713-020 and/ or the European standards EN 1363-1, EN 1364-1 and EN 1634-1. All our fire test certificates are available on request.

02 —

Acoustics

AKO V0	AKO V1	AKO V2	AKO V3
AKO V4	AKO V5	AKO G0	AKO G1
AKO G2	AKO G3	AKO G4	AKO G5

Acoustic tests have been performed in accordance with EN ISO 140-3 or EN ISO 10140-2 and are also available on request. Acoustic performance is expressed in the single numeric value of the NBN EN ISO 717-1 standard and NBN S01-400 classes.

Different doors were tested in a light partition wall with sound insulation at least 10 dB higher than the sound insulation value of the door assembly.

Depending on acoustic performance, these door leaves can also be installed in our four different frame types. All acoustic door leaves are fitted with a drop seal. The accompanying table shows the acoustic class of each door assembly type.

03 —

Security

WK 2	WK 3
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We also offer security doors in our range. This door is ideal for securing apartments, offices and protected areas.

The full door leaf is available with a thickness of 40 mm or 50 mm. The finish can be chosen to match the finish of other JB DOOR door assemblies in your interior.













These security doors meet resistance class 2 or 3 in accordance with the European standard EN 1627.

04 —

Specials

JB DOOR door assemblies are designed and made in-house. The JB DOOR range is very extensive. Different parts, colours and dimensions are available on request.

Our range also includes special versions such as damp-proof doors, smoke-resistant doors (S200) and radiation shielding doors.

Acoustic class	Door frame type	Door leave type	Door assembly AS A WHOLE	e.g. door assembly mounted in wall	
				door only	category
Full door leaves					
 AKO V0	FIX MPX BLOK	50 mm chipboard	25 dB	29 dB	< IVb
 AKO V1	FIX MPX BLOK	50 mm chipboard + drop seal	29 dB	37 dB	IVa
 AKO V2	MPX BLOK FIX	50 mm multi-layer** + drop seal	39 dB	43 dB	IIIb
 AKO V3	MPX BLOK	50 mm multi-layer** + drop seal	41 dB *	49 dB	IIIa
 AKO V4	MPX BLOK	50 mm multi-layer** + drop seal	45 dB *	52 dB	IIIb
 AKO V5	MPX BLOK	75 mm multi-layer** + double rebate + drop seal	47 dB *	54 dB	IIb
Glazed door leaves					
 AKO G0	FIX	fully glazed door leaf 10 mm	20 dB *	28 dB	< IVb
 AKO G1	FIX	Fully glazed door leaf 10 mm + drop seal	30 dB *	37 dB	IVb
 AKO G2	FIX	ALU glazed door leaf 66.2	23 dB *	30 dB	IVb
 AKO G3	FIX	ALU glazed door leaf 66.2 + drop seal	34 dB *	40 dB	IVa
 AKO G4	FIX	ALU glazed door leaf 66.2A + drop seal	36 dB *	41 dB	IVa
 AKO G5	FIX	ALU glazed door leaf TWO 33.1 + 33.1 + drop seal	38 dB *	43 dB	IIIb

* Calculated value

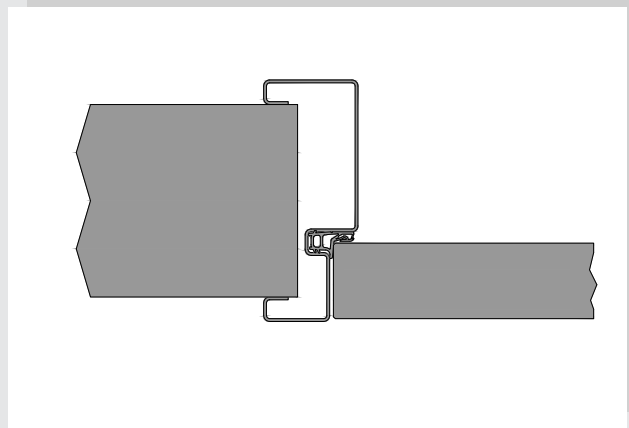
** Composition depends on application

Door

frame type—

01 —

JB DOOR FIX



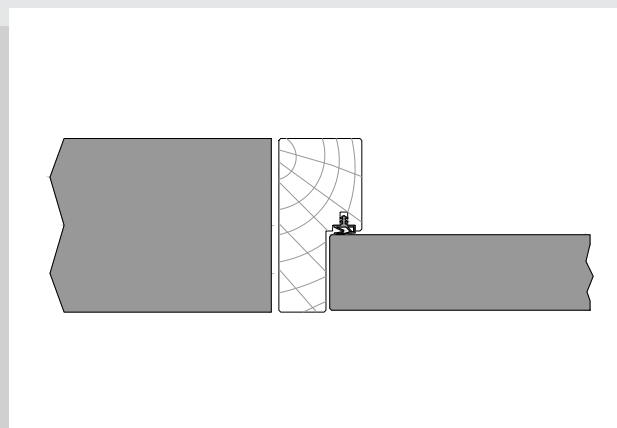
The JB DOOR FIX door frame is a folded steel profile with a durable powder coating. Connections are mitred and contain no visible fixings. The door frame is available in various sections and is fitted with a rubber rebate profile.

This version is offered as standard because of its multi-purpose nature. This type meets high fire-resistance and acoustic requirements, but large dimensions and a range of versions are also available. These door assemblies are available with single or double door leaves, with or without crown post and with or without fanlight.

This robust door assembly with a refined touch will provide a sleek presence in your interior.

02 —

JB DOOR BLOK

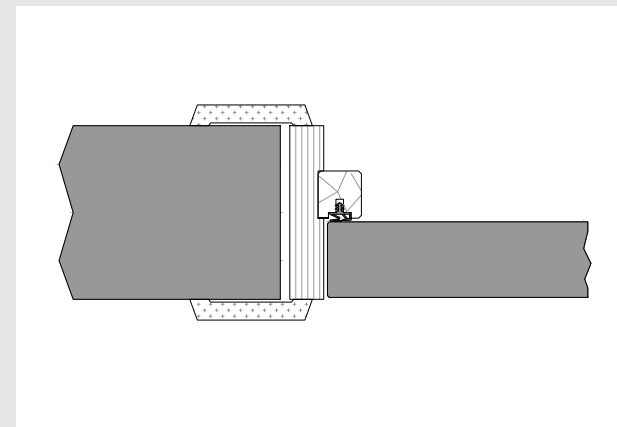


The BLOK frame is a solid wood door frame with mitred connections. Concealed hinges can also be fitted.

This frame can easily be fitted in the same plane as the wall, which is an advantage aesthetically. The frame comes sanded as standard and is available in a range of timbers.

03 —

JB DOOR MPX

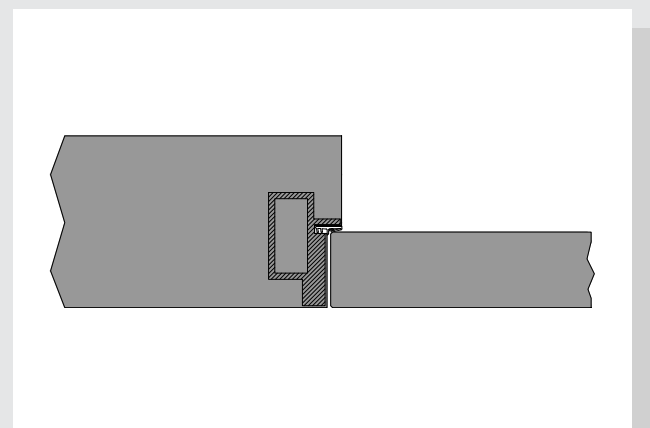


Rock solid door assembly that has been the benchmark for budget and durability for many years. MPX door assemblies can be finished with a wooden surround of your choice. Battens are in redwood.

The frame comes sanded as standard, but is not painted.

04 —

JB DOOR HIDE



JB DOOR HIDE is an extruded aluminium profile fully plastered into the wall. The frame has invisible hinges. This creates a purely aesthetic architecture, whereby only the door leaf is visible in the wall surface.

All the technical features are also present in this system, such as fire resistance, acoustics (drop seal) and door closers.

Door

leaf type—

01 —

Full door leaf

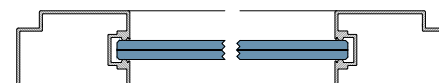


Our standard door leaf consists of a softwood frame and a chipboard core. The edges of these door leaves are finished as standard with solid redwood side battens (other timber types on request). The fronts and backs have double-sided finish in HPL. This layer also covers the sides of the solid wood side battens.

The thickness and composition may vary, depending on the measurements and the technical features required, i.e. fire resistant, security or acoustic characteristics. All acoustic door leaves are fitted with a drop seal.

02 —

Alu glazed door leaf



This door leaf consists of an aluminium frame (section 60 mm front side/75 mm hinged side) with a durable powder coating. This door leaf is available with centrally positioned laminated safety glass with a thickness of 12 mm.

This door is aesthetically satisfying and technically much tougher than a fully-glazed door leaf. An acoustically high-performing door assembly can be obtained by the use of a drop seal and laminated acoustic glass.

03 —

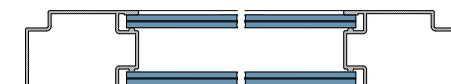
Fully glazed door leaf



The fully-glazed door leaf is in toughened safety glass with a total thickness of 10 mm and has appropriate glazed door fittings. Because of its refined construction and fittings, this door leaf is primarily chosen for its aesthetic properties.

04 —

Alu glazed door leaf TWO



The alu glazed door leaf TWO consists of an aluminium frame (section 60 mm front side/75 mm hinged side) with a durable powder coating. This door leaf is available with laminated double glazing, 2 x 6 mm or in a combination of 6 and 8 mm laminated glazing.

This door is aesthetically satisfying and technically much tougher than a fully-glazed door leaf. An acoustically high-performing door assembly can be obtained by the use of a drop seal and laminated acoustic glass.

B

**Stands out
for rapid
installation,
finishing details,
flexibility and
customisation**



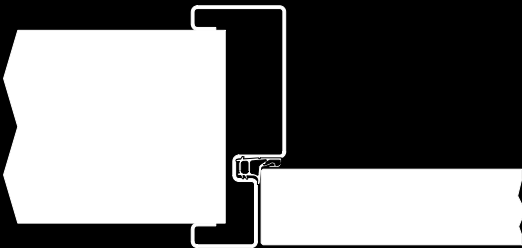
JB DOOR FIX

B

The JB DOOR FIX door frame is a folded steel plate with a durable powder coating. Connections are mitred and contain no visible fixings.

This kind of frame can accommodate hinged, swing and sliding doors. Double doors and doors with a fanlight are also an option. Specials such as four-sided door frames for shaft openings are also available.

The basic dimensions of the door leaf are 2115 x 830 mm (h x w).
Made to measure sizes and wall-high door assemblies are naturally also available. Like the thickness of the door leaf, this can vary in accordance with the technical requirements.



	HINGED DOORS										SWING DOORS			SLIDING DOORS	
DOOR FRAME	D01	D02	D03	D04	D07	D08	D09	D10	D11		Z01	Z02	Z03	S01	S02
DOOR LEAF															
full door leaf	EI30 AKO V2	EI30 AKO V2	EI30 AKO V2	EI30 AKO V2	EI30 AKO V0	EI30 AKO V0	EI60 AKO V2	EI60 AKO V2	EI60 AKO V0	EI00 AKO V0	EI00 AKO V0	EI60 AKO V0	EI00 AKO V0	EI00 AKO V0	EI00 AKO V0
fully glazed door leaf	EI00 AKO G1	EI00 AKO G1	EI00 AKO G1	EI00 AKO G1	EI00 AKO G1	EI00 AKO G1				EI00 AKO G0	EI00 AKO G0				
alu glazed door leaf	EI00 AKO G4	EI00 AKO G4	EI00 AKO G4	EI00 AKO G4	EI00 AKO G4	EI00 AKO G4									
alu glazed door leaf two	EI00 AKO G5	EI00 AKO G5	EI00 AKO G5	EI00 AKO G5	EI00 AKO G5	EI00 AKO G5									

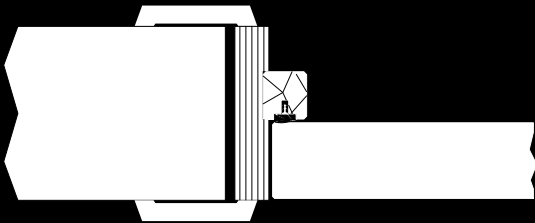
The highest fire resistance and acoustic class is given in each case.
Lower resistance/classes than those given are always possible.
An empty box means that no combination with the door leaf is possible.

JB DOOR MPX

The JB DOOR MPX door assembly has been the benchmark for budget and durability for many years. The rock-solid door assemblies are finished with a hardwood surround. Battens are in redwood.

This kind of frame can accommodate hinged and sliding doors. Double doors are also an option. The multi-ply may be 18 mm or 25 mm thick, depending on the required fire resistance.

The basic dimensions of the door leaf are 2115 x830 mm (h x w). Made to measure sizes and wall-high door assemblies are naturally also available. Like the thickness of the door leaf, this can vary in accordance with the technical requirements.

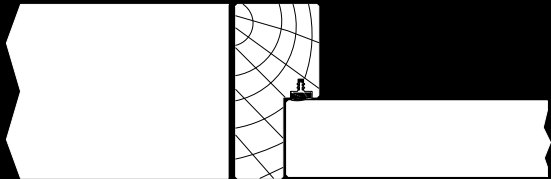


JB DOOR BLOK

The JB DOOR BLOK frame is a solid wood door assembly with mitred connections. It is also possible to fit concealed hinges.

This kind of frame can accommodate hinged, swing and sliding doors. Double doors are also an option.

The basic dimensions of the door leaf are 2115 x830 mm (h x w). Made to measure sizes and wall-high door assemblies are naturally also available. Like the thickness of the door leaf, this can vary in accordance with the technical requirements.



	HINGED DOORS					SLIDING DOORS	
	D01	D02	D03	D04	D06	S01	S02
DOOR FRAME							
DOOR LEAF							
full door leaf	EI30 AKO V0	EI30 AKO V4	EI60 AKO V0	EI60 AKO V4		EI00 AKO V0	EI00 AKO V0
fully glazed door leaf					EI00 AKO G1		

The highest fire resistance and acoustic class is given in each case. Lower resistance/classes than those given are always possible. An empty box means that no combination with the door leaf is possible.

	HINGED DOORS			SWING DOORS	SLIDING DOORS
	D01	D02	D03	Z01	S01
DOOR FRAME					
DOOR LEAF					
full door leaf	EI60 AKO V0	EI30 AKO V4	EI30 AKO V4	EI60 AKO V0	EI00 AKO V0

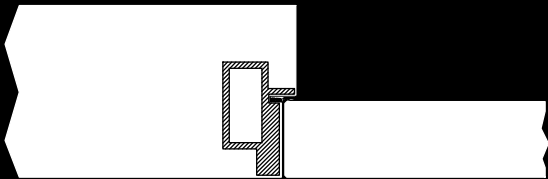
The highest fire resistance and acoustic class is given in each case. Lower resistance/classes than those given are always possible. An empty box means that no combination with the door leaf is possible.

JB DOOR HIDE

JB DOOR HIDE is an aluminium profile concealed in the wall, as are the hinges. This creates a purely aesthetic architecture, whereby only the door leaf is visible in the wall surface.

This type of frame takes a hinged door, double doors are an option. Plasterboard and plastered walls are suitable for this system.

The basic dimensions of the door leaf are 2115 x830 mm (h x w). Made to measure sizes and wall-high door assemblies are naturally also available. Like the thickness of the door leaf, this can vary in accordance with the technical requirements.



HINGED DOORS		
DOOR FRAME	<div>D01</div>	<div>D02</div>
DOOR LEAF		
full door leaf	<div>EI30</div> <div>AKO V1</div>	<div>EI30</div> <div>AKO V1</div>

The highest fire resistance and acoustic class is given in each case.
Lower resistance/classes than those given are always possible.
An empty box means that no combination with the door leaf is possible.



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