



# DEKO BK

Fire Rated Glazed Partition in Aluminium Frame







## DEKO BK - Fire Rated Glazed Partition

DEKO have made it possible to design light and spacious interiors creating a healthy working environment whilst complying with fire regulations.

DEKO BK is a fire rated glazed partition suitable for forming continuous glazed partitions. Individual glazed modules can also be incorporated into existing or new solid walls.

DEKO BK is compatible with all other DEKO partitions and can also be built into other types of walls such as concrete, brick, or drywalls.

DEKO BK fire rated glazed partitions are the ultimate solution; available in several fire classifications the system is prefabricated, standardised, and easy to install and maintain - like all our products.

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## Designed to Perform

The DEKO BK system is based on an aluminium profile with a robust core of fireproof material. This design ensures a strong and stable frame with a perfect finish.

The DEKO fire rated frame is produced in white or in natural anodised aluminium as standard, but other powder coated colours are available. The frame is produced in thicknesses from 93 to 230 mm to suit the adjacent wall construction.

The fire rated glass is secured by powder coated metal profiles, which are clipped to the frame without the need for visible fixings. The thickness of the fire rated glass varies from 7 to 24 mm depending on the specific fire requirements.

DEKO have developed aluminium snap-on architraves to compliment the system ensuring an attractive finish against adjoining walls with no visible fixings.



## Doors

DEKO also produce doors with an attractive aluminium frame, which can be built within DEKO BK fire rated glazed partitions. Door leaves can be solid or glazed, and both are fire and sound rated.

DEKO doors in an aluminium frame offer a high level of stability, and can be installed within our own partitions as well as other types of walls i.e. concrete, brick or drywalls.

Single doors are available in sizes from 7 x 21 M to 12 x 21 M. Double doors are available in size 18 x 21M.





## Decoration

Where a level of privacy is required for conference rooms, offices, etc., the partitions can be supplied with applied film or venetian blinds.

Venetian blinds can be incorporated within the partition by fitting them between the fire rated glass and an extra layer of conventional secondary glass. This makes the blinds maintenance free and, in addition, using two layers of glass increases the sound reduction of the partition.



## Fire and Sound

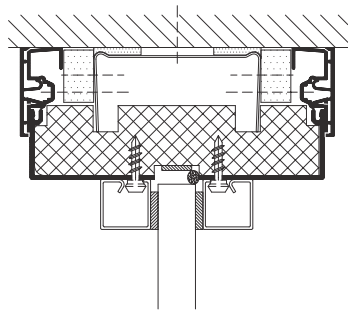
DEKO BK fire rated glazed partitions are tested and classified up to EI60.

The glazed partitions are mk-approved (material and construction), and doors are certified according to Danish Standard.

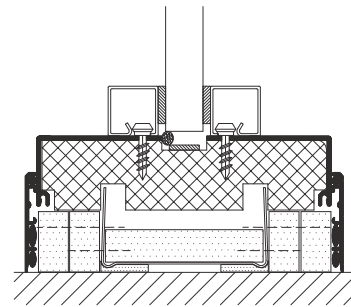
In addition, the partitions are sound tested up to 42 dB depending on which type of glass is used and whether secondary glass is added.



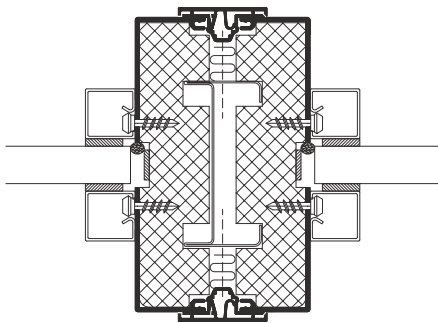
## Details for DEKO BK



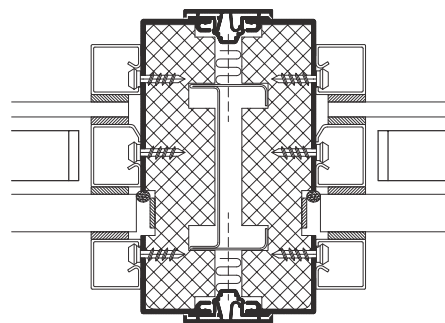
Ceiling connection



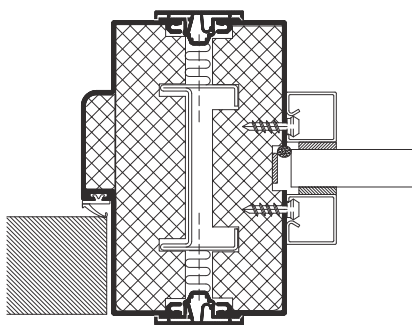
Floor connection



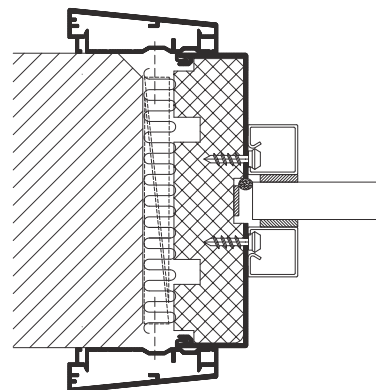
Glass joint - single glazed



Glass joint - double glazed with venetian blinds



Door/glass joint



Abutment with aluminium architrave type ASIF

For more detailed drawings, technical information, and project examples, see [www.dekobk.com](http://www.dekobk.com)





## Type Summary

Type	Partition Thickness (mm)	Layers of Glass	Glass Thickness and Type (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)	Fire Resistance
BK EW30	92-230	1 / 2	7 mm fire rated glass	20 / 35	32 (37) dB *	E30 / EW30
BK EI30	92-230	1 / 2	12 mm fire rated glass	30 / 45	37 (39) dB *	EI30
BK EW60	92-230	1 / 2	15 mm fire rated glass	40 / 55	38 (41) dB *	EW60
BK EI60	92-230	1 / 2	24 mm fire rated glass	60 / 75	39 (42) dB *	EI60

\*) The value in brackets states the sound reduction with an extra layer of 6 mm conventional secondary glass.

For updated type values go to [www.deko.com](http://www.deko.com)



DEKO partitions ltd of denmark was established in 1970 and presently has approximately 300 employees. DEKO is the leading producer of demountable, glazed, and folding partitions in Scandinavia and distributes its product range to more than 35 countries worldwide including Europe, Africa, and Asia in co-operation with established local distributors.



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