



DEKO FG Fire

Fire Classified Fully Glazed Partition

Fully glazed floor to ceiling partitions in a partition system of narrow aluminium construction with fire classification up to EW 120 and EI 120.

DEKO FG Fire can be constructed as whole glazed partitions or as individual glazed sections built into plaster, brick or concrete walls.

Partition

The DEKO FG Fire glazed partition is constructed with 30 or 40 mm aluminium profiles against adjacent partition, ceiling and floor structures, whatever the requirements for fire resistance.

The glazed partition is tested and classified as EW 30, EI 30, EI 45, EW 60, EI 60, EW 90, EI 90, EW 120 and EI 120 construction in accordance with the latest European standards. DEKO FG Fire also has a fire classification of A2-s1, d0 construction.

The glass provides sound reduction of up to 46 dB, depending on the fitted glass type and glass thickness.

All profiles are supplied, as standard, as natural anodised aluminium, but can also be powder coated in other colours.

Joints between glass

Depending on the requirements for fire resistance, partition height, design and interior design, three different types of DEKO FG Fire glazed partitions are available: DEKO FG Fire Clear, DEKO FG Fire Black, and DEKO FG Profile.

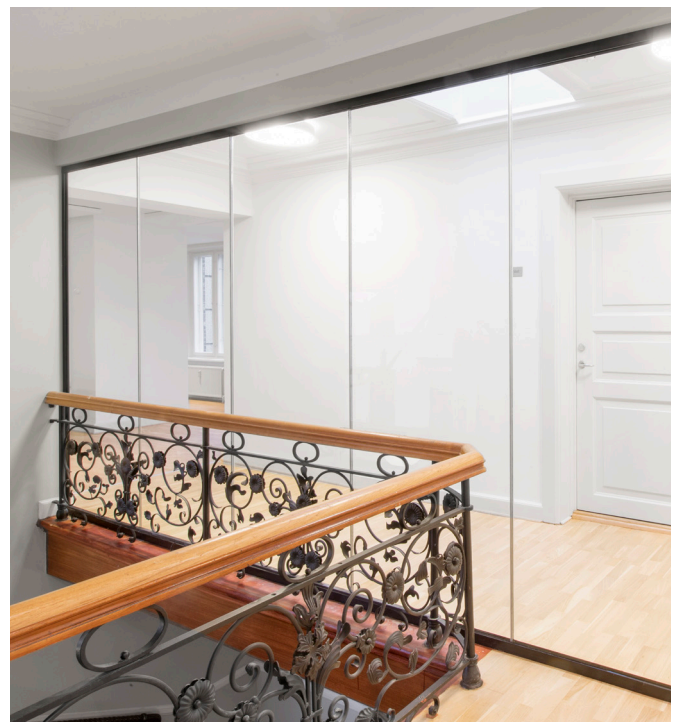
Doors

With the DEKO FG Fire partition, it is possible to install fire rated doors in aluminium frames.

The doors in aluminium frames can be installed as single or double doors. The doors can be constructed with DEKO doors, which are available as solid doors or glass framed doors of wood or aluminium.

Decoration

Like our other DEKO glazed partitions, the glass can be decorated with laminating film, so that the overall interior design has a uniform decoration.



TYPE SUMMARY

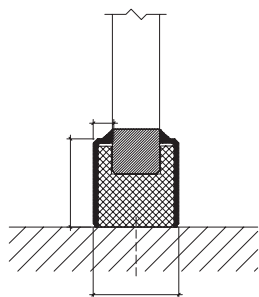
Product	Connection type	Fire resistance	Sound insulation	Partition thickness	Glass thickness	Glazed panels	Weight
DEKO FG Fire ¹	Profile	E 30	Rw 32 - 38 dB ²	19 - 25 mm	6 - 12 mm	1	15 - 30 kg/m ²
DEKO FG Fire ¹	Profile	EW 30 ³	Rw 37 - 40 dB ²	24 - 35 mm	11 - 22 mm	1	25 - 49 kg/m ²
DEKO FG Fire ¹	Profile	EW 60 ³	Rw 37 - 40 dB ²	24 - 35 mm	11 - 22 mm	1	25 - 49 kg/m ²
DEKO FG Fire ¹	Profile	EW 90 ³	Rw 37 - 40 dB ²	24 - 35 mm	11 - 22 mm	1	25 - 49 kg/m ²
DEKO FG Fire ¹	Profile	EW 120 ³	Rw 37 - 40 dB ²	24 - 35 mm	11 - 22 mm	1	25 - 49 kg/m ²
DEKO FG Fire ¹	Profile	EI 30	Rw 38 - 40 dB ²	29 - 31 mm	16 - 18 mm	1	34 - 39 kg/m ²
DEKO FG Fire ¹	Profile	EI 60	Rw 41 - 44 dB ²	38 - 46 mm	25 - 33 mm	1	52 - 73 kg/m ²
DEKO FG Fire ¹	Profile	EI 90	Rw 46 dB ²	53 - 61 mm	40 - 48 mm	1	82 - 102 kg/m ²
DEKO FG Fire ¹	Profile	EI 120	Rw 46 dB ²	53 - 61 mm	40 - 48 mm	1	82 - 102 kg/m ²
DEKO FG Fire ¹	Black	EW 30 ³	Rw 39 dB ²	33 mm	20 mm	1	46 kg/m ²
DEKO FG Fire ¹	Black	EW 60 ³	Rw 39 - 43 dB ²	33 - 43 mm	20 - 30 mm	1	46 - 69 kg/m ²
DEKO FG Fire ¹	Black	EI 30	Rw 39 - 43 dB ²	33 - 43 mm	20 - 30 mm	1	46 - 69 kg/m ²
DEKO FG Fire ¹	Black	EI 45	Rw 41 - 43 dB ²	36 - 43 mm	23 - 30 mm	1	52 - 69 kg/m ²
DEKO FG Fire ¹	Black	EI 60	Rw 40 - 44 dB ²	44 - 54 mm	31 - 41 mm	1	69 - 94 kg/m ²
DEKO FG Fire ¹	Clear	EW 30 ³	Rw 39 dB ²	30 - 37 mm	17 - 24 mm	1	40 - 56 kg/m ²
DEKO FG Fire ¹	Clear	EI 30	Rw 39 dB ²	30 - 37 mm	17 - 24 mm	1	40 - 46 kg/m ²
DEKO FG Fire ¹	Clear	EI 45	Rw 40 - 43 dB ²	39 - 47 mm	26 - 34 mm	1	60 - 76 kg/m ²
DEKO FG Fire ¹	Clear	EI 60	Rw 40 - 43 dB ²	39 - 47 mm	26 - 34 mm	1	60 - 76 kg/m ²

- 1) Fully glazed partitions are available in sizes and modules to suit the project. For more information about maximum sizes, modules, choice of glass types and joints, contact the local distributor or DEKO.
- 2) Sound reduction value for the glass itself depends on the type of glass that is incorporated.
- 3) EW also meets fire classification E.

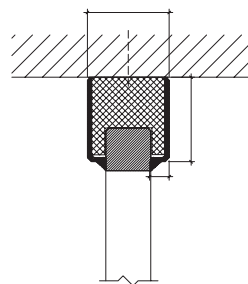
For updated values and details, please visit deko.com



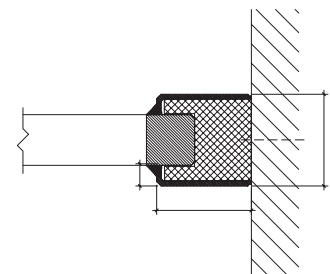
DETAILS



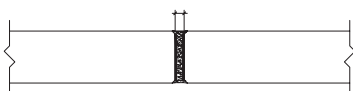
Floor connection



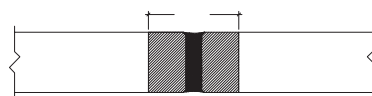
Ceiling connection



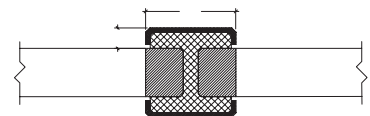
Wall connection



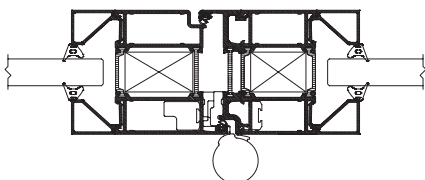
DEKO FG Fire Clear



DEKO FG Fire Black



DEKO FG Fire Profile



Glass framed doors of aluminium

