



DEKO PV

Classic System Partition



DEKO PV - For Flexibility and Functionality

Flexible partitioning solutions are essential in contemporary buildings. Speed and ease of installation and demountability are paramount to the maximisation of available office space.

DEKO PV is flexible and functional, enabling the partition to be adapted to suit all types of buildings.

DEKO PV is the perfect choice, as it creates a strong and stable drywall that can be installed in a single work routine. The system is also extremely price competitive.

DEKO PV components are reusable, and matching glazed partitions or doors can be incorporated both during the initial installation and retrospectively. Alterations can be completed with little disruption to surrounding finishes.





Simple and Prefabricated Partition System

DEKO system partitions have been installed world wide for many years. This success is primarily due to the flexibility of our product range.

DEKO PV is supplied as a ready-made drywall finished with slim aluminium profiles ensuring precise lines.

DEKO PV consists of individual elements based on a steel framework. The framework is concealed behind pre-treated gypsum boards to form a strong, stable, and attractive partition. The cavity between the gypsum boards is filled with mineral wool. The facing gypsum board is attached to the steel framework with slim aluminium profiles, which are screwed to the steel framework. Fixings are covered with a U-shaped plastic or aluminium profile.

As in conventional drywalls, cables and other installations can be incorporated within the partition and electrics can be fitted within the gypsum boards.



Durable Finishes

DEKO PV is suitable for a wide variety of interiors. All gypsum surfaces are produced with washable vinyl surfaces. This robust surface provides a durable, attractive finish.

Pre-decorated gypsum boards also save considerable installation time, as conventional drywalls normally need to be painted after construction.

DEKO PV partitions pre-treated with vinyl wallpaper comply with the Danish Indoor Climate Label.

Alternatively, partitions can be delivered with painted felt or a woven textile which makes it possible to uniform all surfaces throughout the entire building.

Sheet metal, wood veneer, melamine, or laminate can also be used as surface finishes according to specific project requirements.



Skirting and Architrave Details

DEKO PV is finished with slim aluminium profiles at the floor, ceiling, doors, glazed modules, and other adjoining details.



Doors and Glazed Modules

Glazed modules and doors can be incorporated into DEKO PV partitions. Design detailing enables these modules to be constructed and demounted in exactly the same way as solid modules.

DEKO Doors are installed within the unique DEKO aluminium frame. Doors can be solid, glazed, or fully glazed and can achieve sound and fire ratings.

Single or double leaf doors are available in standard sizes. Non-standard sizes can also be supplied.

A wide selection of standard accessories including handles, door closers, furniture, and lock boxes are available.

Glazed modules are double glazed for more effective sound reduction. Venetian blinds can be fitted between the two layers of glass. Integral blinds can be installed during the initial installation or can be added later if required.

Glass can be supplied as safety, float, sound, or fire rated.

DEKO Doors and glazed modules can also be installed within existing brick, concrete, and drywalls, so that doors and glazed partitions can be standardised throughout the building.



Accessories

DEKO aluminium profiles make it possible to fit shelves, boards, pictures, and whiteboards directly into the vertical aluminium profiles, thus avoiding fixing holes when rearranging accessories. Conventional fixing into the gypsum board is also possible.





Creating Safe Working Environments

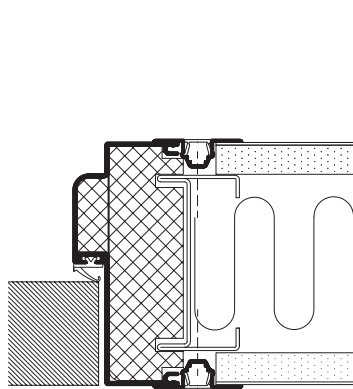
Like all DEKO products, DEKO PV is constantly tested and developed in order to ensure that the product range complies with the latest national and international standards regarding sound reduction, fire resistance, and indoor climate.

DEKO PV is produced in different thicknesses and varieties according to individual requirements.

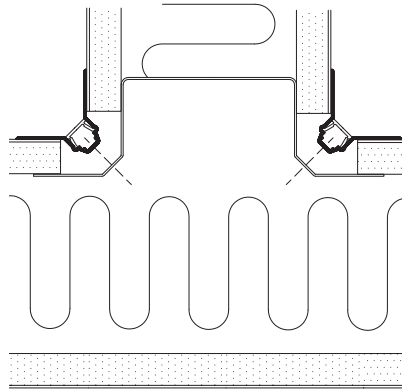
DEKO PV system partitions are fire tested up to 120 minutes and sound tested up to R_w 66 dB. Fire and sound technical qualities can be found on DEKO's ETA-approval. DEKO PV and DEKO PF were the first partition systems in Denmark to be awarded the CE certification.

DEKO PV system partitions have also been awarded the Danish Indoor Climate Label.

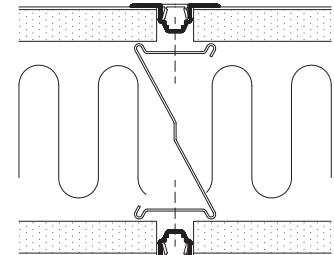
Details for DEKO PV



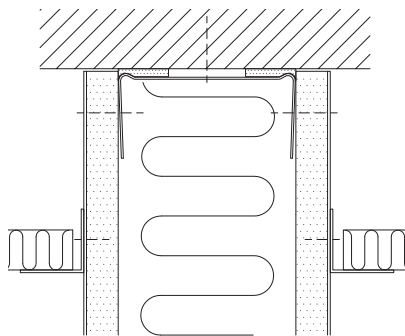
Solid door



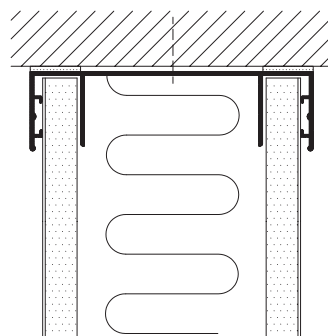
T-connection



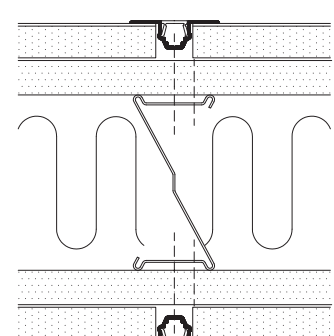
Gypsum board joint type 1090



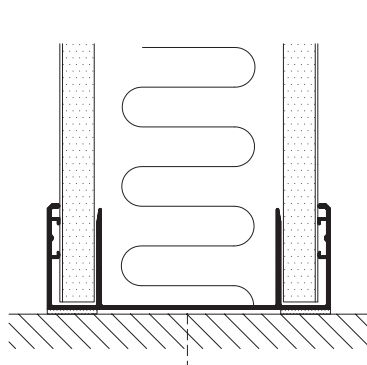
Suspended ceiling connection



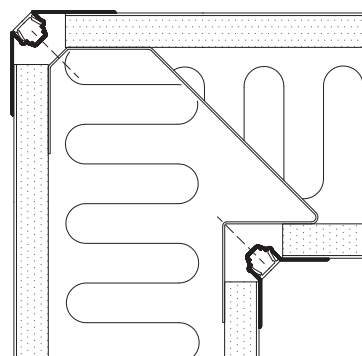
Fixed ceiling connection



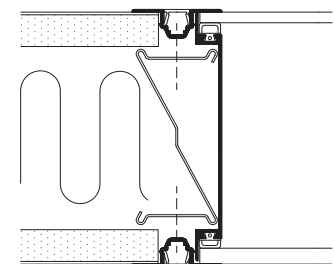
Gypsum board joint type 1290



Floor connection



90° corner



Gypsum board/glass joint



Type Summary

Type	Partition Thickness (mm)	Lining Gypsum Board (Number)	Weight (kg/sqm)	Insulation (mm)	Airborne Sound Insulation (R _w)	Airborne Sound Insulation (R' _w)	Fire Resistance
PV 1090	92	2 x 13 mm	25	50	44 dB	40 dB	EI30
PV 1290	118	4 x 13 mm	45	50	52 dB	48 dB	EI60
PV 1490	144	4 x 13 mm	50	75	58 dB	53 dB	60
PV 1890	196	4 x 13 mm	52	2 x 50	61 dB	55 dB	60
PV 2190	222	6 x 13 mm	72	2 x 50	66 dB	60 dB	90
PV 2190MT	222	6 x 13 mm	72	2 x 50	66 dB	60 dB	120

For updated type values go to 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.



DEKO partitions ltd of denmark
Maarkaervej 11
DK-2630 Taastrup - Denmark

Tel: +45 43 55 77 11
Fax: +45 43 55 77 13

info@deko.com – www.deko.com