



DEKO GV

Double Glazed Partition with High Sound Reduction







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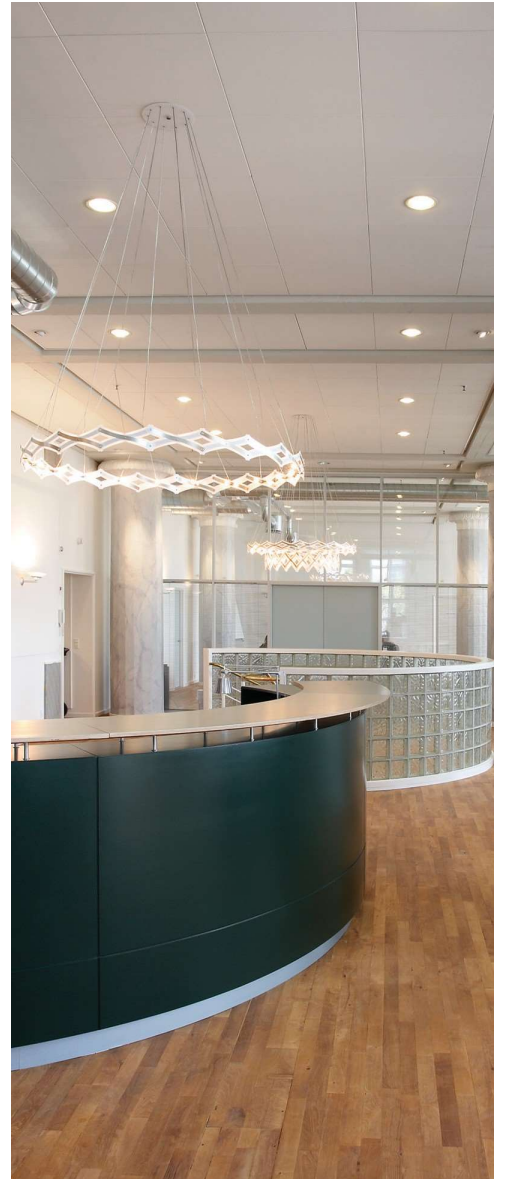
Scientific research confirms that exposure to natural daylight significantly impacts overall well-being and job satisfaction. Simultaneously, excessive noise levels in workspaces can disrupt work efficiency.

DEKO GV provides an ideal solution by effectively reducing sound while preserving a lightweight and sophisticated interior design. Its contemporary aesthetics seamlessly blend with various interior styles, including traditional office spaces, schools, public buildings, laboratories, and cutting-edge modern structures.

Individually Adaptable

DEKO GV features an innovative post construction that enables the installation of continuous glazed elements, either on their own or in combination with solid panels for decoration or timber. Additionally, it can be seamlessly integrated into concrete or drywalls as a single module when needed.

The flexible design of the post construction allows designers to opt for either a vertical or horizontal modular sequence. Furthermore, the cavity within the studs can be utilized for routing cables, including those for sockets and other electrical connections. The DEKO GV utilizes slim 35 mm aluminum trims to seamlessly connect glazed elements, resulting in a light and minimalist partition.



By default, the aluminum components come in white or natural anodized finishes, but they can be powder-coated in other colors as needed. To achieve a flawless surface, the trims are crafted with either a full aluminum cover profile or a U-shaped decorative strip, which can match the trim color or create a striking contrast. The precise lines of the DEKO GV double-glazed partition contribute a distinctive touch to the overall partition aesthetics





Glazed Solutions to Meet All Requirements

The DEKO GV partitions select glass based on safety, sound, and fire regulations specific to the required partition. Depending on the particular needs, glass thickness ranging from 4 to 8 mm can be incorporated. For DEKO GV double-glazed partitions, the default glass options include 4 mm and 6 mm clear toughened safety glass.



Customised Doors

DEKO GV features a distinctive aluminum frame system that seamlessly complements our double-glazed partitions, accommodating solid, glazed, fully glazed, or glazed sliding doors. These doors are available to meet specific design, sound, and fire requirements. Just like our other products, DEKO GV ensures flexibility and functionality in creating versatile spaces.

DEKO Doors, when integrated into our aluminum frame, offer a robust and stable construction. They can be installed not only within DEKO partitions but also in other types of surfaces such as concrete, brick, or drywalls. These doors come in both single and double leaf configurations, catering to various requirements. Additionally, we provide a diverse range of standard accessories, including handles, door closers, furniture, and lock boxes

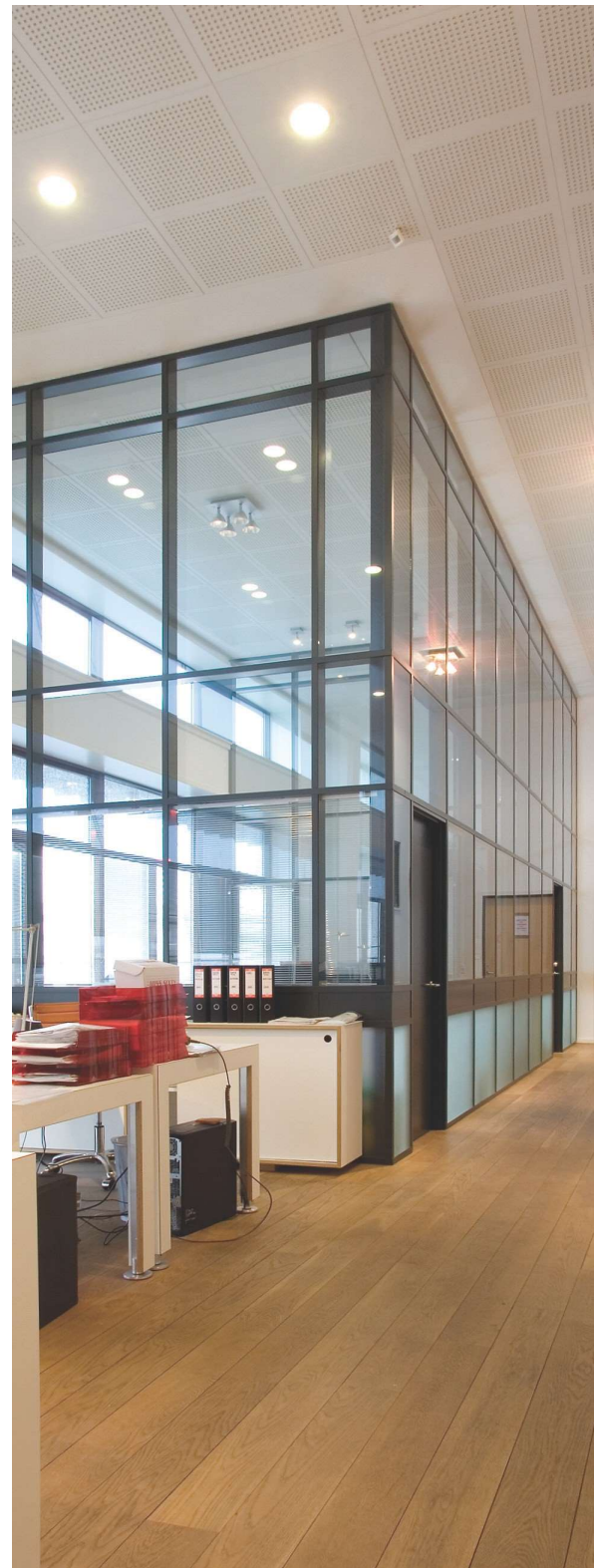


Sound Reduction

The DEKO GV partitions achieve highly effective airborne sound insulation through the strategic placement of two glass layers with varying thicknesses.

Extensive testing of DEKO GV with various glass types has demonstrated the potential for even greater sound reduction, reaching up to R_w 45 dB. This level of acoustic performance makes it ideal for institutional and public buildings.

Regardless of specific sound requirements, the slim aluminum trim construction remains consistent across all DEKO GV partitions





Fire Proofing

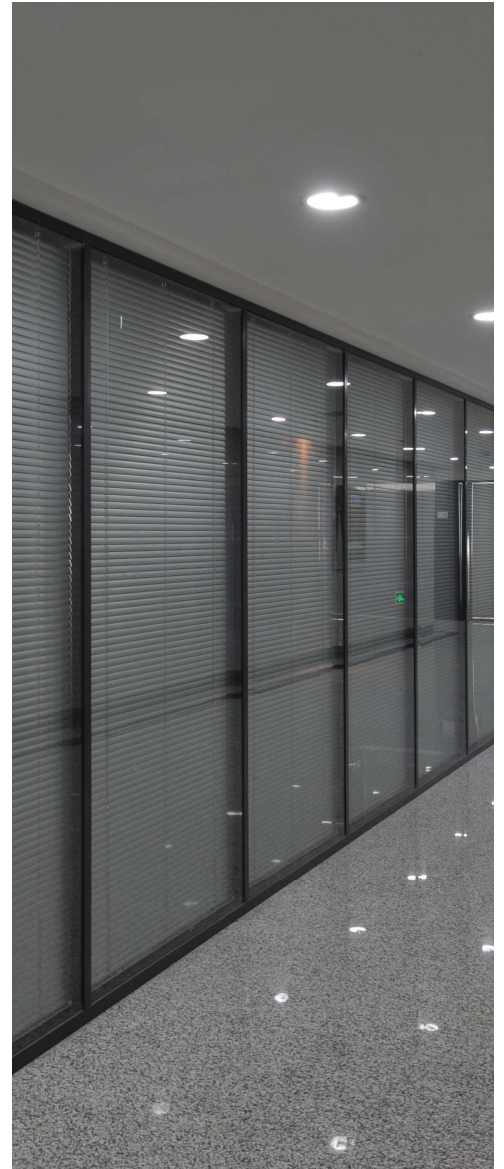
DEKO GV undergoes rigorous testing and classification according to Danish and international fire certification standards. When one layer is fitted with 7 mm fire-rated glass, the system is classified as an F30 construction.

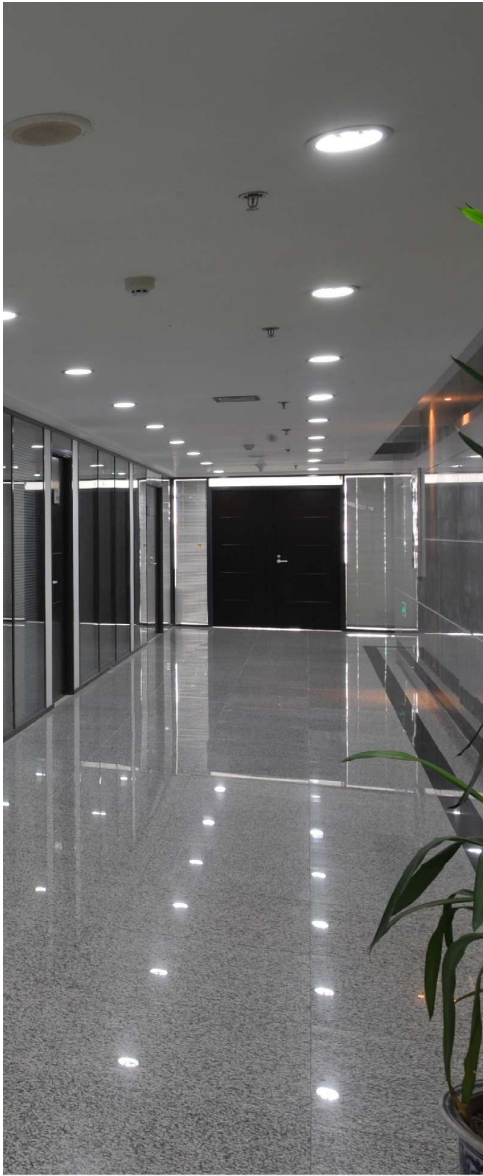
These fire-rated solutions ensure safety and compliance for various architectural needs

Decoration

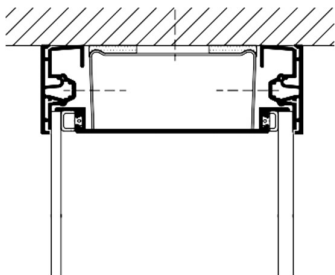
The DEKO GV double-glazed partitions offer versatile privacy options. You can achieve privacy by applying film directly onto the glass in stripes, patterns, or text for a customized look. Additionally, you can cover larger glass areas to create a functional whiteboard surface.

Maintenance free venetian blinds or vertical blinds in a wide selection of colours and materials can be inserted in the cavity between the two layers of glass. Venetian blinds can either be operated manually with a revolving wand, with a small thumb knob, or electrically by a motor-driven system.

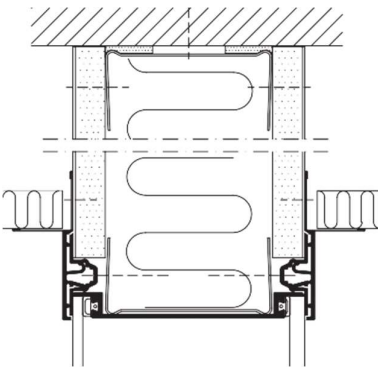




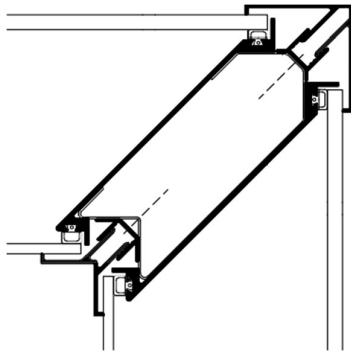
Details for DEKO GV



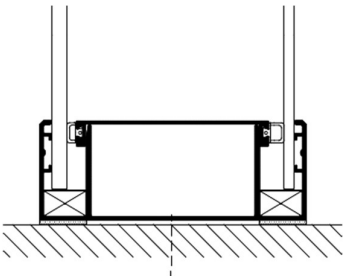
Fixed ceiling connection



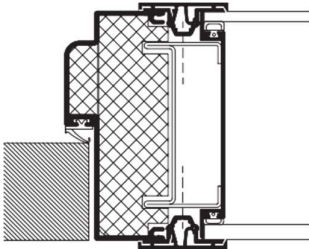
Suspended ceiling connection



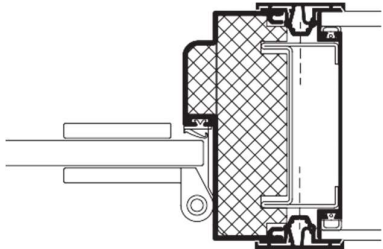
90° corner



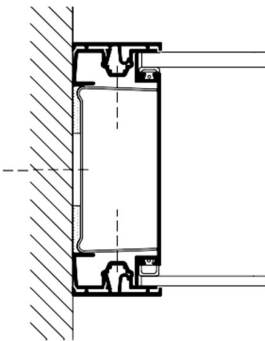
Floor connection



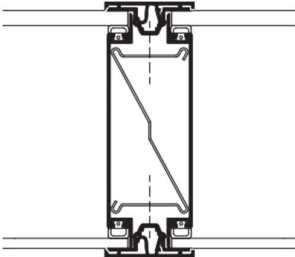
Solid door



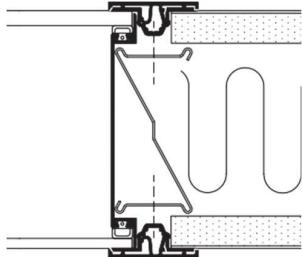
Fully glazed door



Abutment



Glass joint



Glass/gypsum board joint

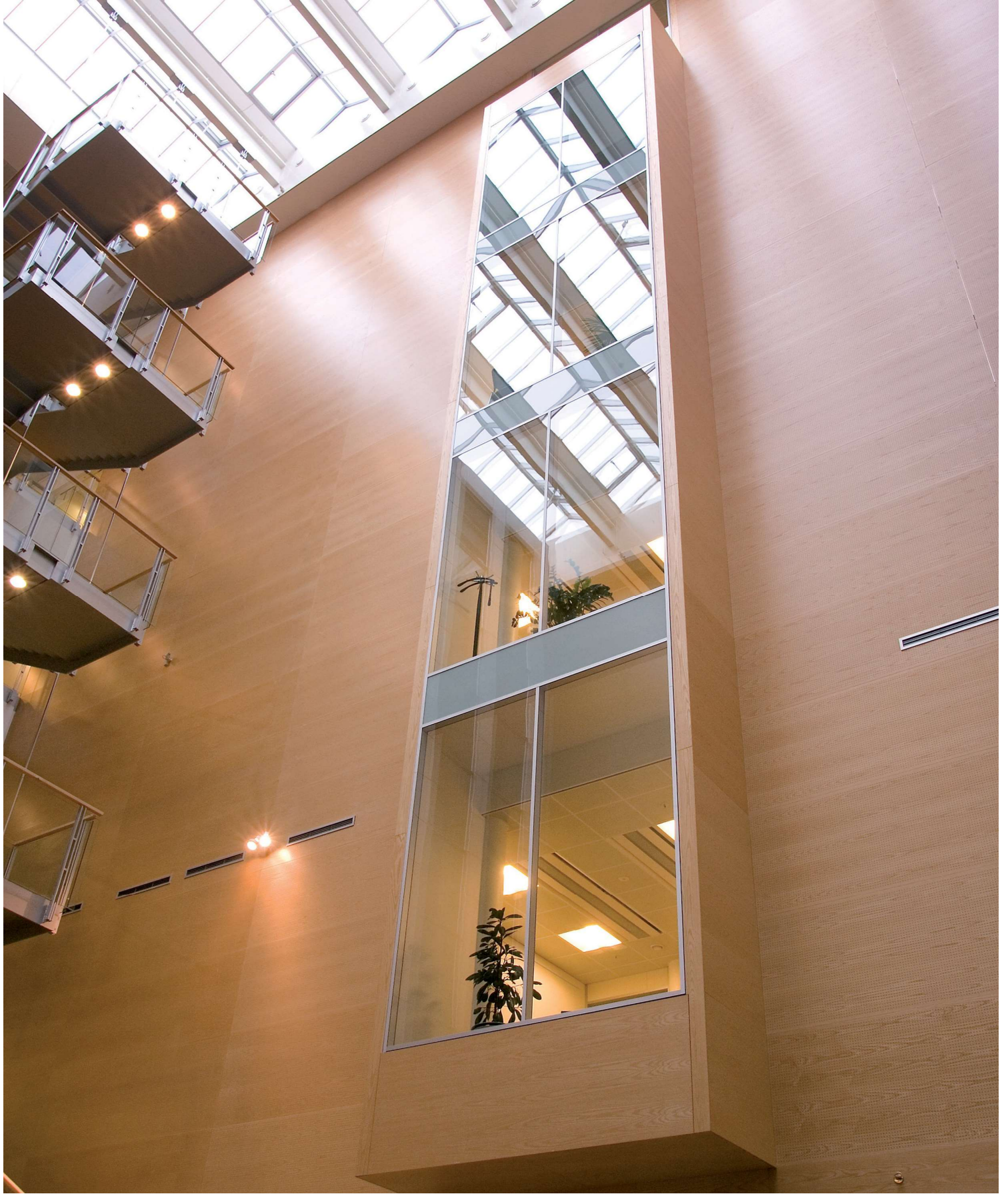


Type Summary

Type	Partition Thickness (mm)	Layers of Glass	Glass Thickness and Type (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)	Fire Resistance
GV 1090	92	2	6/8+6/8mm	25-35	39 (44) dB *	Unclassified
GV 1290	118	2	6/8+6/8mm	25-45	39 (47) dB *	Unclassified

*) The sound insulation values in brackets have been achieved by incorporating other glass types than our standard glass. It is also possible to achieve values from 41-47 dB by using special glass.

For updated type values go to
www.deko.in



DEKO partitions India LLP.
300, Shankaran Complex,
Langford Road, Shanti Nagar,
Bangalore - 560025
Tel No - 08022279000