

**The
system
wall.**

**Versatility and compatibility.**

Solid, glass and door elements with a variety of finishes.

**Fulfilment of building physics requirements.**

The highest standards of sound insulation, sound absorption, fire protection and statics.

**Versatility and adaptability.**

Walls and doors can be customised without material loss.

**Low-emission and sustainable.**

feco system walls can contribute to sustainability certification.

Partition walls create spaces.

The **feco** system. Visible perfection.



feco-partition wall systems offer a wide variety of room solutions

feco partition wall systems are as individual as your project.

System partition walls are lightweight, non-load-bearing, unitized and removable interior walls with closed and transparent surfaces made of wood, glass and metal. They consist of a metal substructure and two-sided cladding with intermediate insulation as well as glazings and doors. The wall elements are prefabricated building-specific at the factory and assembled on site in short, clean assembly processes.

Highest requirements fulfilled

feco system walls meet the highest construction-related requirements in terms of sound insulation, sound absorption, fire protection and statics. Add to this, the wide-ranging design options. In addition to a wide variety of surfaces, the feco system offers a wide range of glazing constructions for every requirement and every taste.

Please contact us for more information on how we can individually meet your specific requirements.

Relocatability and adaptability

The great advantage of the system walls is their relocatability. In conjunction with an element system matched to the building grid, rooms can be subsequently adapted to requirements, walls installed and removed or doors exchanged for wall elements. If required, even during ongoing business operation. These points are exactly what make the walls sustainable systems that protect the environment. The additional investment compared to drywall walls usually pays for itself with the first conversion measure.

Wide range of design options

The partition wall elements – whether solid wall, glazing or door units – all have a basic wall thickness of 105 mm. Door and glass frames are face-flush with the closed wall elements and separated by 6 mm shadow joints. The only exceptions to this wall thickness are the fecoplan all-glass structures and the special design variants with wall thicknesses of 125 mm and 175 mm respectively for exceptional static and acoustic requirements.

All fastenings are concealed as standard. Screw connections or other point connections are not visible, neither in the closed wall elements nor in glass walls. Connections to the floor, wall and ceiling have recessed shadow joints. The ceiling connection has a standard telescopic design to accommodate construction tolerances and structural movements.



A photograph of an office window featuring four horizontal panels with different textures: horizontal lines, a smooth surface, a fibrous texture, and a perforated pattern. A white curved pillar is on the right, and a view of the outdoors is visible through the left side of the window.

Quiet

in the office.

fecophon.

Optimized room acoustics.



Peace and quiet for concentrated working.

Glass and concrete, which are extensively used in architecture, are sound-reflecting surfaces that result in long reverberation periods in offices. In addition, component activation does not permit the installation of large-area sound-absorbing suspended ceilings. As a result, system walls with acoustically effective wall surfaces have gained enormous importance.

Slotted, perforated as well as textile absorber elements improve room acoustics. With the uniform wall thickness of 105 mm, sound-absorbing surfaces with a weighted sound absorption coefficient α_w up to 0.85 and sound insulation values to $R_{w,p} = 47$ dB can be realized on one or both sides.

By reducing reverberation periods, speech intelligibility is improved. Understanding becomes easier and talking more quiet. The improved acoustics have a positive effect on productivity.



Product features

fecophon wood

Wall-integrated fecophon wood absorbers are available with melamine resin direct-coating, laminates or real wood veneers. The base board of the horizontally or vertically slotted absorbers can be selected in natural MDF or colored through in black to match the surface.

fecophon fabric

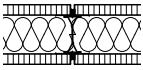
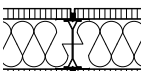
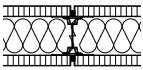
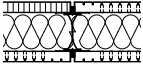
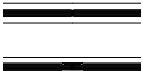
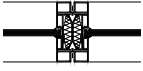

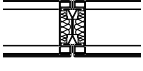
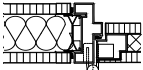
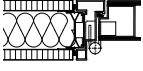
The fecophon fabric acoustic elements with object fabrics or pinnable acoustic needle felt create a cozy atmosphere. The low-emission fecophon fabric Blue version also fulfils the strict limit values of the AgBB assessment scheme.

fecophon metal

fecophon metal sheet-steel absorbers with perforated surfaces can also be used as magnetic surfaces.



Wall elements, product overview

Product	Detail	Description	Wall thickness	Panel/Glass/Door leaf thickness	Visible width vertical/horizontal	Sound insulation test values $R_{w,P}$	Fire protection
fecowall		Solid wall	105 mm	2 x 19 mm	-	47-52 dB	F30 F90
fecowall		Solid wall in special thickness	125 mm 175 mm	2 x 19 mm	-	47-57 dB	F30
fecorga		Wall organisation	105 mm	2 x 19 mm	-	45-52 dB	F30
fecophon		Acoustic solid wall	105 mm	2 x 19 mm	-	27-47 dB	-
fecoplan fecoloft		All-glass construction	35 mm	10-18 mm	0/50 mm	35-42 dB	-
fecocent		Wall-centered glazing	105 mm	10-27 mm	25/25 mm	35-42 dB	F30
fecofix		Wall-flush glazing	105 mm	2 x 5-8 mm	20/20 mm	39-49 dB	F30
fecostruct		Face-flush glazing	105 mm	2 x 6-8 mm	20/20 mm	43-47 dB	-
fecodoor Wood		Woodendoors	105 mm	4-0 mm	18-50 mm	23-42 dB	T30
fecodoor Glass		Glassdoors	105 mm	10-105 mm	18-50 mm	23-42 dB	-

The feco partition wall system is constantly being further developed.
Ask us about the latest innovations.

130 Years
a Family Business.

40 Years of
feco. The System Wall.

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