

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.





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The perfect fit
for every interior design.

fecodoor.

Step right in.



Door varieties for all requirements.

Whether as a wooden, glass or framed door, optionally flush on the room side or on the corridor side, feco always supplies the door element that matches the system wall.

Be it ceiling-high, door-high, with solid-wall upper panel or top glazing, with cross-upright or door side panel, with visible or concealed door-frame recess, in a variety of different finishes: feco offers many versions and design options. In this, the basic system details of feco door elements are almost identical throughout, thus enabling a multitude of door frame and door leaf combinations.



Product features

fecodoor wood

- Wood door elements H40, H70, H85 or H105
- Designs versions door-high, ceiling-high, or with frame-integrated door leaf top panel
- Surfaces in melamine resin direct-coating, laminates or real wood veneers
- Object-specific door fittings in aluminium or stainless steel
- Sound-insulation test values
 $R_{w,P} = 23 \text{ dB to } 42 \text{ dB}$

fecodoor glass

- Glass door elements G10, A40, A70, A85, S70, S85 or S105
- Glass sliding-door elements ST10 or ST10B
- Versions door-high or ceiling-high
- Surfaces available in anodized aluminium natural or powder-coated in a popular RAL color
- Object-specific door fittings in aluminium or stainless steel
- Sound-insulation test values
 $R_{w,P} = 17 \text{ dB to } 42 \text{ dB}$

fecodoor

- Door frames made of aluminium, steel or in wood-aluminium composite construction
- Frame depth 70 mm or 105 mm
- For face-flush door leaves on room side, corridor side or both sides
- Surfaces Aluminium natural anodized, powder-coated in popular RAL color or real wood veneer, natural oak
- 3D adjustable hinge pockets
- T70 optionally with frame-integrated aluminium or wooden door side-part TST70 as installation panel

fecodoor wood



Wooden door element H40
with aluminium frame T70



Wooden door element H40
with alum. frame T70 and
TST70



Wooden door element H70
with door frame T70 wood



Wooden door element H70
with alum. frame T70 and
TST70



Wooden door element H70
with aluminium frame
35/50/15



Wooden door element H70
with aluminium frame 18/0



Wooden door element H70
with door frame T70 wood
and side panel TST70 wood



Wooden door element H70 with alum. frame 18/0 in portal design



fecodoor Air wooden door element with door leaf-integrated air transfer unit based on fecodoor H105 with 18/0ZF aluminium frame



Wooden door element H70 with aluminium frame 18/50



Wooden door element H70 with alum. frame 18/0 and fecoair overflow element



Wood door element H85 with aluminium frame 18/0



Wooden door element H85 with aluminium frame 18/0

Door elements, product overview

	Door frame	Alum. 35/50T70	Alum. 35/35	Alum. 35/50	Alum. 35/50/15	Alum. 18/50	Alum. 18/0	Alum. 18/0-50ZF
Door leaf	R_{w,P}							
Wood H40		23 dB 32 dB 37 dB	23 dB 32 dB 37 dB	23 dB 32 dB 37 dB	-	-	-	-
Wood H70		37 dB 40 dB	37 dB 40 dB	37 dB 40 dB	42 dB	37 dB 40 dB	37 dB 40 dB	-
Wood H85		-	-	-	-	42 dB	42 dB	-
Wood H105		-	-	-	-	-	-	37 dB 40 dB 42 dB
Glass G10		23 dB 32 dB	23 dB 32 dB	23 dB 32 dB	-	23 dB 32 dB	23 dB 32 dB	-
Glass A40		32 dB 37 dB	32 dB 37 dB	32 dB 37 dB	-	-	-	-
Glass A70		37 dB 40 dB	37 dB 40 dB	37 dB 40 dB	42 dB	37 dB 40 dB	37 dB 40 dB	-
Glass A85		-	-	-	-	42 dB	42 dB	-
Glass A105		-	-	-	-	-	-	40 dB 42 dB
Glass S70		37 dB	37 dB	37 dB	-	37 dB	37 dB	-
Glass S85						42 dB	42 dB	
Glass S105		-	-	-	-	-	-	37 dB 42 dB

Combination possibilities of door leaves and door frames. All values are sound-insulation test values $R_{w,P}$; bold = popular combinations
 $R_{w,P} = 32 \text{ dB}$ sound insulation class 1, $R_{w,P} = 37 \text{ dB}$ sound insulation class 2, $R_{w,P} = 42 \text{ dB}$ sound insulation class 3

130 Years
a Family Business.

40 Years of
feco. The System Wall.

feco Systeme GmbH

Am Storrenacker 22
76139 Karlsruhe
Germany

Phone: +49 721 6289-500
E-Mail: mail@feco.de
Internet: www.feco.com

