

The
system
wall.

The **feco** system. Visible perfection.



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.



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
without material loss



Fulfillment of the
maximum structural-
physical requirements



Optimized
room acoustics



Versatility
& Compatibility



System-integrated
solutions



Perfection
in detail



Partition walls create spaces.

fecofix.

The wall-flush double-glazing.



Product features

- Wall-flush double-glazing
- Wall thickness 105 mm, flush with solid wall and door elements
- Aluminium glazing frame with a mere circumferential 20 mm facing width
- Glazing frame undivided in inter-pane space (no center joint)
- Surface aluminium natural anodized or powder-coated in popular RAL color
- Prefabrication of double-glazed elements at the factory ensures cleanliness of glass interior surfaces
- Blinds can be integrated center-lined in inter-pane space
- Design possible as fall-protection glazing
- Sound-insulation test values of glass wall $R_{w,P} = 39 \text{ dB to } 49 \text{ dB}$
- Sound-insulation test values of top glazing partition wall $R_{w,P} = 39 \text{ dB to } 50 \text{ dB}$
- Fire protection glass wall EI30/F30 as undivided triple-pane glazing to $W \times H = 1.350 \times 3.000 \text{ mm}$

State-of-the-art sound insulation

The wall-flush fecofix double-glazing provides office spaces the right frame and framework with discreet, 20 mm narrow aluminium profiles. The transparency is not even disturbed by a frame joint. The large pane spacing of the double-glazing provides exemplary sound insulation down to $R_{w,P} = 49 \text{ dB}$.

Clean as a whistle - Interior pane surfaces are cleaned at the factory

A special feature of feco double-glazing: It is supplied glazed on both sides. Under cleanest manufacturing conditions, the closed glass elements are produced, transported to the construction site and then mounted. Cleaning of the spaces between the panes at the construction site is a thing of the past. The inner surfaces of the panes are clean. Nonetheless, the fecofix glass elements can be opened, for maintenance purposes without having to disassemble the elements due to the ingenious structural design.



First class

outline conditions.

fecofix wood. fecostruct wood.



System walls with real wood surfaces offer a natural and high-quality design option for future-oriented office worlds

Wood-covered glass frames enable flexible and individual room concepts that create a pleasant working atmosphere. They fulfill the wishes of many designers for natural surfaces in innovative working environments.

The fecofix wood and fecostruct wood glass walls feature real oak surfaces in the inner frame of the space between the panes. With fecofix wood, the outer frame is powder-coated in black gray; with fecostruct wood, it is bonded either in aluminium color or black.



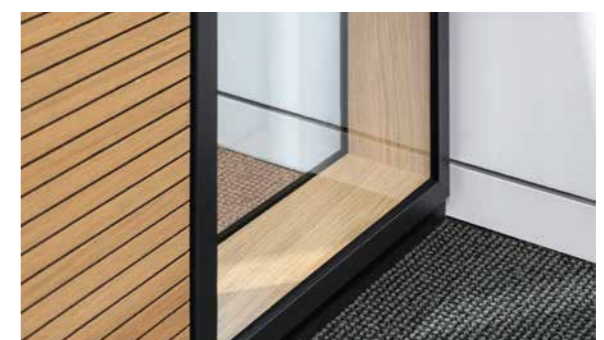
Product features

fecofix wood

- Wall-flush double-glazing
- Interior frame in real wood veneer, natural oak
- Outer frame with a mere 20 mm circumferential facing width, powder-coated in black gray
- Technical properties same as fecofix glazing

fecostruct wood

- Face-flush double-glazing
- Interior frame in real wood veneer, natural oak
- Structural-glazing construction with a mere 20 mm facing width, bonding surface optionally in aluminium color or black
- Technical properties same as fecostruct glazing



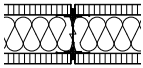
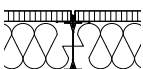

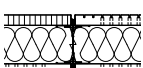
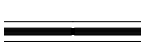
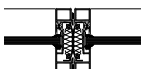


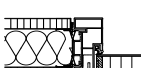

fecofix wood



fecostruct wood

Naturally with
real wood 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		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	39-47 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.

feco Systeme GmbH

Am Storrenacker 22
76139 Karlsruhe
Germany

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

