

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 a modern office hallway. The walls are white and feature vertical paneling. The floor is made of light-colored wood. The ceiling is black and has exposed pipes, ducts, and a circular ventilation grille. A glass-walled room is visible at the end of the hallway on the right.

Flexibly

into the future.

fecowall.

The solid wall.

Its versatility makes it a classic

Melamine, laminate, veneer, textile or metal, with normal or high sound insulation, with or without fire protection – whichever version you choose, the look and the acoustic impression is perfect. Because even in the basic version, fecowall offers sound insulation of $R_{w,p} = 47$ dB.

Only with the feco clamping system, wall panels are clipped into the system uprights using the full-length, reverse-mounted steel retaining rails. The advantages in comparison to point fixing are:

Improved stability: The clamped, continuous clips rails result in an solid connection with the partition wall upright and thus increase the static strength, proven according to DIN 4103.

More precise joint pattern: At the same time, the partition wall panels are accurately locked against lateral movement. This ensures longitudinal stability and, in particular, a precisely fitting joint pattern.

Increased sound insulation: The continuous tight connection between the partition wall panels and the substructure results in the best sound insulation.



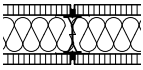
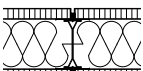
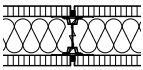
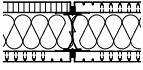
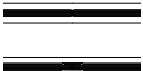
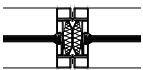
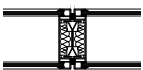
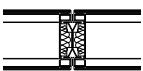
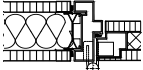
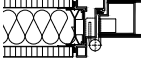
As a CoC-certified company, feco can offer the planking of the fecowall solid wall from its own production with wood materials from sustainable forestry with FSC® or PEFC certification.

In the fecowall Blue version, the solid wall is available with melamine resin or laminate surfaces with the DE-UZ 176 Blue Angel eco-label.

Product features

- Flexible partition wall system as solid wall
- Wall thickness 105 mm, in special design variant 125-175 mm
- 6 mm slim shadow joint between the elements
- Concealed fixing of all wall elements
- Cladding made of wooden materials, generally three-layer particle board, optional gypsum fibreboards
- Surface as melamine resin direct-coating as standard, laminates optional, real wood veneers, paint finishing, object-specific fabric or metal cases
- Insulation from mineral fiber with high biosolubility
- Sub-construction made of steel system profiles
- Recessed connections at floor, wall and ceiling
- integrated negative skirting, no skirting strips required
- Floating ceiling connection as standard
- High level of factory prefabrication for short assembly times
- Exceptionally high sound insulation due to feco clamping system with continuous clips rails
- Sound-insulation test values for solid wall $R_{w,p} = 47$ dB to 52 dB
- Fire protection solid wall EI30/F30 to W x H = 1,350 x 4,000 mm

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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