

**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.







Great **climate.**

feco**air**.

## Air-passage elements.

**Wall-integrated air-passage elements.**

Due to use of component-activated concrete ceilings in sustainably designed office and administration buildings, a suspended ceiling is not available for conducting the ventilation. Here, wall-integrated overflow elements enable air exchange between the room and the corridor.

The overflow elements are manufactured building-specific in different widths and heights, and integrated into solid-wall elements with 105 mm wall thickness or integrated into the fecodoor Air door leaf. Horizontal installation, for example in a solid-wall door top section, is equally possible.

**Product features**

- Element width 250, 300, 350 or 500 mm, Element height is building-specific; installation optionally vertical or horizontal in fecowall solid wall
- Surface as melamine resin direct-coating, optionally laminate or real wood veneers
- Front side slotted joints for air inlet and outlet with joint width 8-12 mm over effective length
- Air-passage element with meandering airflow and oppositely arranged air inlets and outlets
- Air flow rate depending on design and dimensioning approx. 75-100 m<sup>3</sup>/h per linear meter effective length at 10-20 Pa pressure loss
- Standard sound level difference  
 $D_{n,e,w} = 43-50 \text{ dB}$   
 Sound-insulation test value  
 $R_{w,P} = 27-37 \text{ dB}$
- Door element fecodoor Air with door leaf-integrated air transfer unit based on fecodoor H105



**130 Years**  
a Family Business.

**40 Years** of  
feco. The System Wall.

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