



fecoorga

## Partition wall system with wall-integrated horizontal or vertical organisation

**Dimensions:** Building-specific unit-width and unit-height, wall thickness 105 mm, recommended vertical organizer size undivided up to  $W \times H = 1.000 \times 3.000$  mm, horizontal organizer size up to  $W \times H = 2.000 \times 3.000$  mm

**Cladding:** 2 x 19 mm three-layer particle boards, P2/V20 gluing, formaldehyde emission class E1, building material class B2, optional B1, EI90 fire protection with 2 x 18 mm A2 gypsum particleboards, optional fecophon acoustics, horizontal organisation with integrated 10-15 mm-high aluminium cross-section profiles for hanging in, standard height grid  $H = 350$  mm

**Surfaces:** Melamine resin direct-coating as per collection, optional CPL/HPL coating material (standard with EI90), real wood veneers, paint finishing, steel cases powder-coated in RAL colours, aluminium cases natural E6/EV1 anodized, pinnable felt surfaces as per collection, cross-section profiles aluminium natural E6/EV1 anodized

**Substructure:** Galvanized rolled-steel sections, standard uprights for horizontal organisation, slotted uprights with 32 mm pitch hanging slots for vertical organisation, each with installation openings, full-length steel clips rails on the reverse of the panels

**Insulation:** 40/60 mm mineral wool with high bio-solubility, building material class A1, gross density approx.  $50 \text{ kg/m}^3$ , increased sound insulation requirement with plasterboard weighting

**Connecting profiles:** Galvanized U-shaped rolled-steel sections as recessed connecting joints, coated in RAL 7016 anthracite, optionally in other RAL colours

**Floor connection:** Telescopic, integrated negative base height approx. 30-100 mm (80 mm standard)

**Ceiling connection:** Telescopic, shadow joint approx. 20 mm (up to 80 mm), absorption of standard tolerances and structural movements up to  $\pm 15$  mm, optional higher tolerance absorption, minimum cover slotted uprights with ceiling connection profile  $\geq 25$  mm with load from wall organizers

**Sound insulation:** Sound insulation Solid wall with aluminium transverse joints approx. 1 dB lower than a solid wall  
Solid wall with slotted uprights  $R_{w,P} = 47$  dB (with joint profiles)  
Solid wall with slotted uprights  $R_{w,P} = 48/51/52$  dB (as above)

**Static certification:** Data for upright spacing of  $\leq 1.000$  mm, Wall height  $\leq 4000$  mm and reach  $\leq 300$  mm (others on request)  
Horizontal organisation: Allowable load max. 40 kg per removable shelf for up to 4 rows on top of each other, one or both sides of the wall  
Vertical organisation: Allowable load max. 45 kg per removable shelf for up to 4 rows on top of each other, one or both sides of the wall

**Fire resistance:** EI30 solid wall with aluminium transverse and cross joints, EI90 solid wall with slotted uprights, console loads on request

**Organizers:** Wooden and glass hanging shelves, cloakroom shelves, bulletin boards, whiteboards, magnetic rails, organization panels, storage trays, hooks and more on request

