

Technical specifications

DESCRIPTION

Demountable decorated plasterboard and/or particleboard faced partition.

STRUCTURE

- **SOLID ELEMENTS:**
 - Thickness: 82/107 mm
 - Uprights/Studs/ Cross profiles: steel sections, 0,6 mm
 - Panels: 12,5 mm decorated plasterboard panels
 - 13 mm veneer finished particleboard panels
 - Steel, galvanized, 0,8 mm on 12,5 mm plasterboard backing
 - Internal filling: mineral wool
 - Floor and ceiling channels: 0,8 mm galvanized steel or PVC skirting
- **GLAZED ELEMENTS:**
 - Single or double glazed panels in 4, 6 or 8 mm thickness in monoblock steel or aluminium frames
 - Integrated blinds possible
- **DOOR ELEMENTS:**
 - Doorframe: aluminium or steel frames provided with 3 hinges
 - Door leaves: Wide range of doors from 40 mm or 82 mm thick doors.
Check our doors range for further options

JOINTS

- Galvanized steel omega with painted steel covertrim
- Galvanized steel omega with PVC covertrim
- Painted steel omega with PVC infill

FINISHES

- **SURFACE TREATMENT:** for all visible metal parts: environmental friendly epoxy powder coating approx. 80µ thickness.
- **COLOURS:** according to Maars colour chart. Other colours possible after consultation.
- **GLAZING:** a variety of options is available, such as sandblasting, film, painted glass. Other manifestations possible after consultation.

STANDARD DIMENSIONS

- Height: 3100 mm
- Width: solid panels 900/1200 mm, glass 900/1200 mm
Other sizes in height or width after consultation.
- Weight: 25/40 kg/m²

INSTALLATION

- **TOLERANCES:**
 - Floor: +/- 10 mm
 - Ceiling: +/- 10 mm
- **CONNECTION:**
All solid elements are connected by using steel omegas, enabling easy disassembly.
Styleline Finesse: 0 mm joint between panels.
- **INTEGRATION OF ELECTRICAL AND DATA SERVICES**
Perforated studs provide access for wiring and other services. Demountable panelling provides easy access for installation afterwards.

CLEANING

Please check our website for our cleaning and maintenance instructions.

LIVING OPTIONS

Maars offers a wide range of options which can be integrated in our partitioning systems, depending on the type of wall. Ventilation studs, sound panels, cupboards, shelving systems, climate control panels, dynamic lighting, multimedia, panels clad with textile, privacy glass and our wide range of Maars Magnetics. See: www.maarsmagnetics.com.
Check the Living Options brochure and www.maarslivingwalls.com for more information.

ACOUSTICS

Weighted sound reduction index to EN ISO 717-1

- Solid 82 mm: From R_w (C ; Ctr)= 39 (-4 ; -9) dB to R_w (C ; Ctr)= 42 (-2 ; -7) dB
- Solid 107 mm: R_w (C ; Ctr)= 47 (-2 ; -6) dB
- Glazed panels: From R_w (C ; Ctr)= 29 (-1 ; -4) dB to R_w (C ; Ctr)= 44 (-1 ; -5) dB
- Door, solid: From R_w (C ; Ctr)= 31 (-2 ; -2) dB to R_w (C ; Ctr)= 37 (-1 ; -4) dB

FIRE

Fire resistance to EN 1363-2, EN 1364-1 and EN 1634-1

- Solid: EI 30 to EI 60
- Glazed: EI 30
- Door: EI 30

Due to our policy of constant improvement our products are subject to change. Please check for the latest details: www.maarslivingwalls.com

