

PLAISIO HORIZONTAL WALL PARTITION**FULL HEIGHT****Classification**

A. PLAISIO horizontal wall partition – full height

A.1. Technical Data

The PLAISIO partitions consist of an internal load-bearing metal frame on which panels of various materials are attached. The total thickness of the partition is 10 cm.

The load-bearing metal frame is built up of vertical perforated and horizontal galvanized steel tubes with rectangular cross-section of 60x25x1,5 mm, which are connected together through specially designed elements made of reinforced polyamide.

The metal beams have special slots and holes for the anchoring of special bases, for the fixing of the hanging studs for panel hanging, for the surface connection and for cable routing.

On the frame sides where the panels attach to, PVC foam tape of 3 mm thickness is glued, which is under pressure after the panels are attached. So, it creates excellent heat and sound insulating qualities for the partition, which can further be increased through (optional) filling in with stone- or glass-wool.

At doors and windows there are frames made of aluminium profile. For windows it is possible to have frames for single glazed and double glazed windows. There are also aluminium profiles for making 90° corners, “T” connections and cross connections, as well as for corners of any angle. The aluminium profiles are powder coated.

At the lower end of every vertical upright is a special regulator screw and at the higher end is a special telescopic element with 100 mm range, for the full adaption of the wall even in cases of non-horizontal roofs and ceilings.



The panels of the fixed partitions are made of 3-layer chipboard E1 of 18mm thickness, covered on both sides with melamine film. PVC edge-banding of 0,45 mm thickness is glued on the edges for sealing. The panels have special galvanised steel hooks which pair with corresponding studs of the metal frame.

The doors are 40 mm thick and are covered (on the edges as well) with HPL or with oak veneer. They have stainless steel hinges and safety lock. The opening direction of the doors can change very quickly with no change of components necessary.

The glass panels are 4 mm thick and are attached with a special elastic seal to the window frame profiles. They can have shade blinds, either external (single glazing) or internal (double glazing).

Sizes, types and colours in the catalogue of DROMEAS.

Packaging:

- a) metal vertical uprights, strapped together per order
- b) horizontal beams, strapped together per order
- c) panels and doors with perimeteric protection, on wooden pallet
- d) glazing in special packaging
- e) aluminium profiles in separate packaging with cardboard protection

PRODUCT CERTIFICATES:

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