

INTACT TYPE 95
P

1. GENERAL

Main features of INTACT partitions are :

- **An internal structure** consisting in strong galvanized steel profiles. Facing panels are kept to the structure by flat moulding aluminium profiles.
- **The visible profiles** are proposed in aluminium in order to enhance aesthetics of partition. Aluminium is proposed with anodized or epoxy-coated finish (RAL range).
- The system may accept a wide range of **facing panels** : gypsumboard, chipboard or any specified material. The material is enhanced by a wide variety of coverings : vinyl, laminated , high pressure laminated. It allows to match any aesthetical requirement. Thickness of boards will be between 12mm and 14mm as a standard, or 18mm with wooden board only.
- Simple or double **glazing** may be installed by means of aluminium profile designed to have

flush glass modules with glass thickness comprised between 4 and 8mm. Tight sealing guarantees dustfree area between glasses. System can incorporate venetian blinds.

- **Door modules** include aluminium tubular door frames carefully prepared by the manufacturer's work-shop. Door frames allows door blade thickness from 8 till 50mm.
- **Serviceability guarantee**
Manufacturer guarantees supply of compatible components of the system for a duration of at least 10 years.

2. Description of Components

2.1. Posts are made out galvanized steel sheets of minimum 10/10 mm thickness and are S-shaped by roll-forming process. It is equipped with conduit cutouts for wiring and piping and regular clip slot for clipping flat molding profiles.

2.2. Ceiling tracks.

Aluminium profiles for ceiling tracks are designed with double wings in order to receive vertical studs in the middle and panels at both ends. It is also equipped with an adhesive acoustic sealing of 50x3mm size. Two profiled grooves allow to slide in it fishplates

in order to ensure proper alignment.

2.3. Floor Track.

Aluminium track combining recessed skirting . Studs fits in the lower section and panels are laid down in the upper section. Profiled grooves allow to slide in it fishplates in order to ensure proper alignment.

2.4. Joining panels.

Omega shaped clips are slided in the slots of studs. It keeps tightly the panel against the structure by spring effect and maintains a constant pressure on the full height of the panel. Flat aluminium profiles are clipped on top.

2.5. Glazed modules.

Glazed modules are achieved by means of aluminium profiles equipped with two grooves where rubber seal are inserted. Seal size is adapted to the glass thickness used in order to ensure proper tightness keeping total thickness of partition constant. In single glass application a pvc filling profile is used on the non-glazed side.

2.6. Door frame.

Door frames are made out specially designed tubular aluminium profiles to suit the system. Door frame is custom-made and prepared by the manufacturer in order to install a minimum of two steel hinges and a locker. Hinge fixation screws are not visible when door is

open. Glass door fits also the system.

3. Facing panels.

Facing panels of various nature and finish will suit the system. Thickness will be 12 to 14mm or 18mm with wooden board. Standard are plasterboard covered with vinyl or laminated particle board.

4. Door leaves.

Three options exist:

4.1 **Solid core** door leave of various dimensions, covered with high pressure laminated sheet or prepainted. This can be incorporated with a glass section or vision panel.

4.2 **Aluminium framed** door with single or double glazing or solid core. Manufactured by Intact, it is available in various sizes.

4.3 Tempered single **glass** door

Lockers for Solid core and aluminium framed shutters are of reversible type and front of locker will be made out stainless steel. Cylindre, supplied with 3 keys, will match the European standard. Handle will be stainless steel U- or L-shaped.

Lockers and hinges for tempered glass doors are chrome plated or inox look made by Stremler, Bastille type.

5. Noise attenuation

Internally, the INTACT partition receives a 60mm layer of rockwool with a

density of minimum 35kg/cu.m.

Test have determined noise attenuation of 46dB.

6. Aluminium profile finish

At election :

- Anodized aluminium 10 microns class E.W.A.A.
- Epoxy-coated in oven with RAL or NCS epoxy/polyester powder. Layer will be at minimum 60 microns thick.

7. Technical performances agreements.

System has received official approval for :

- 1) Demountability
- 2) Interchangeability of modules
- 3) acoustic performance
- 4) Stability (test consisting in a 50kgs sandbag swinging from horizontal on the partition)

All test agreements are available upon request.

MAIN DIMENSIONS

Finished Product

Width: economical value for module : 1200-1215-1265mm.

Thickness : from board to board 95 mm ; widest profile : 104mm .

Height : economic value 2600mm & 3000mm ; up to 3650mm

Glass thickness 4 to 8 mm as a standard

Board thickness : 12 ~14 mm as a standard or 18mm

Door leaves thickness
8 ~10 mm (tempered glass)
38~50mm (solid core wood)
50 mm (aluminium framed)

Internal insulation : 60mm, 35kgs/m³

Acoustic performance : 40 ~46 db

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