

Technical characteristics

Description

- Partition demountable via visible profiling components.

Dimensions

- Standard module width between axes: 1,200 mm
- Standard floor/ceiling heights: 2,700 and 3,100 mm
- Tolerance absorption capacity on height: ± 20 mm
- Partition thickness: 80 mm
- Weight/m² with plasterboard panels: 24 Kg

Frame

- Visible profiling and inner frame in Sendzimir galvanised steel.
- Quality in accordance with European standard EN 10142-A1:1994 (DX51D+Z).

Paintwork

- Previously degreased.
- Electrostatically coated with polyester powder or polyester epoxy and polymerised in furnace at 200°C.
- Average paint coat thickness: 50/60 microns.
- Colour tolerance: DIN 5033 standard.

Outer faces, mineral fibre, doors and windows

- Plasterboard or woodchip panels coated with semi-rigid vinyl, cotton-gauze or cellulose-based vinyl to be selected from the Dynamobel finish range. Other possible coating options include varnished woods (for woodchip panels), laminates, etc.
Total thickness: 13 mm.
- Inner insulation with semi-rigid, 50-mm thick, 30/40-Kg/m³ \geq Mineral Fibre.
Reaction to fire: MO (Incombustible).
- Flat, blind door leaves in woodchip hardboard with the same coating possibilities as the panels.
Dimensions: 830 x 2,040 x 40 mm.
Approximate weight: 40 Kg/Unit.
Option: glazed door leaves
- Fixed single- or double-glazed windows (gap between panes on double-glazed: 52 mm.).
- Panes with thicknesses of between 4 and 6 mm.

Fittings

- Hinges and other metal fittings treated with the same paint, zinc, bluing coating, etc. depending on case.

Performances

Demountability, re-installation

- The panes can be demounted from the frame independently thanks to the glass-stop system that runs around their edges on both sides.
- Each component can be completely demounted independently of the rest thanks to the horizontal and vertical splice profiles clipped along the entire length of the frame and which create the "visible profiling" design.

Amovility

- Module re-installation and interchangeability: 100% (STANDARD: CER.F.F: Cloisons amovibles).

Mechanical resistance

Stability on impact of soft object (Standard: CER.F.F., 50daN):

- Instant distortion: 43 mm.
- Residual distortion: 1 mm.

Resistance to horizontal pressure (Standard: CER.F.F., 50daN):

- Distortion under load: 12 mm.
- Residual distortion: 0 mm.

Door module in accordance with CER.F.F. Standard: (60,000 opening cycles) and the UNE 56871 Standard: (125,000 opening cycles):

- No wear, no distortion, no impoverishment.

Fire resistance

- Reaction to fire: B-s1-d0 (AIDIMA, per standard EN 13501-2).
- Fire cut-off RF 30' and Flame arrester PF 60' (Applus-Spain, in compliance with UNE-EN 1364-1 and UNE-23093).
- RF 60'(CTICM-France, in compliance with "Arrêté du 21 Avril 1983 du M.I.")

Sound insulation

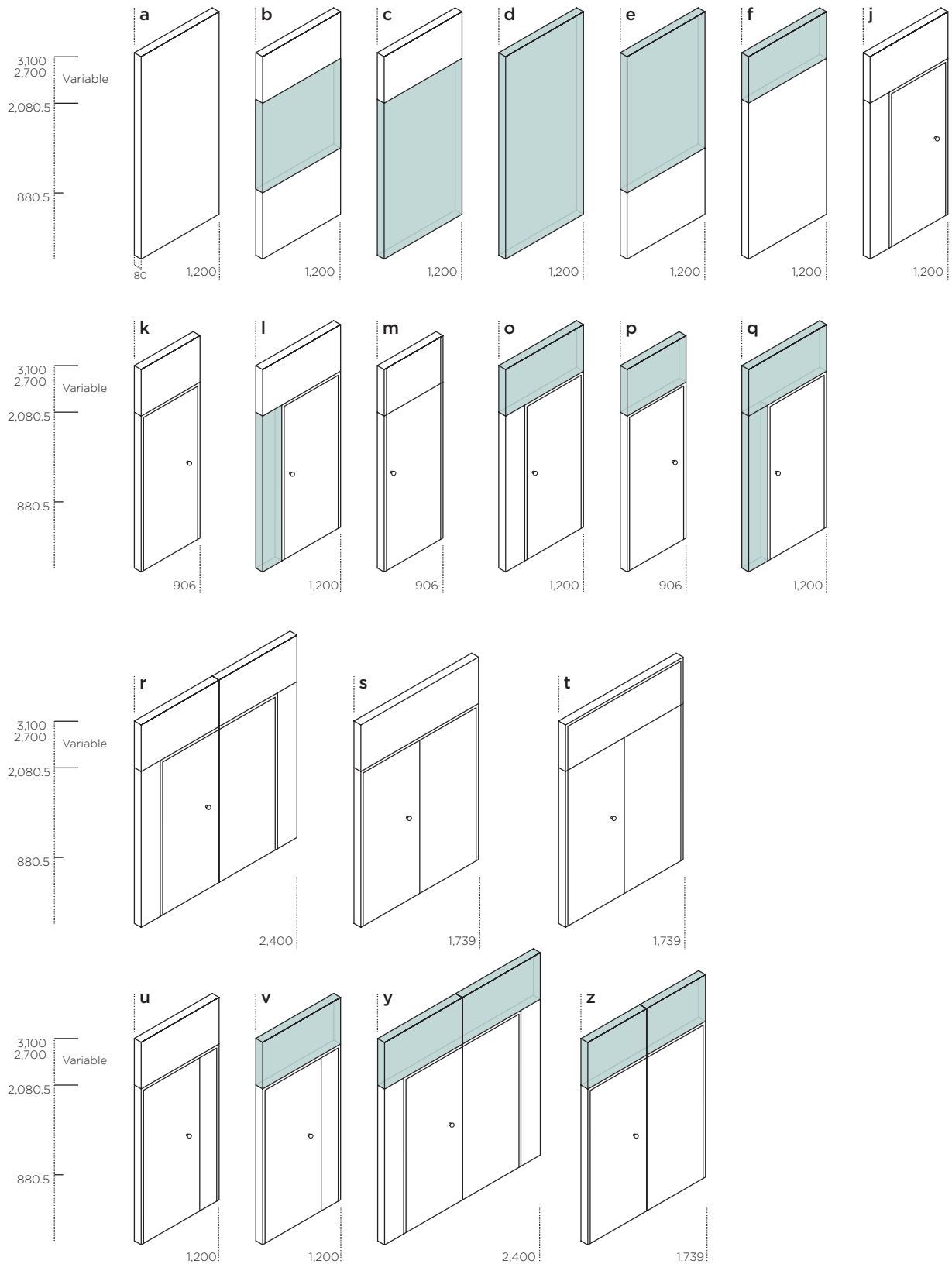
- Blind module(A): Rw = 45 dB
- Door module (J): Rw = 37 dB
- Glazed module (B2v): Rw = 44 dB

(CSIC L. Torres Quevedo Spain in compliance with EN ISO 140-3)

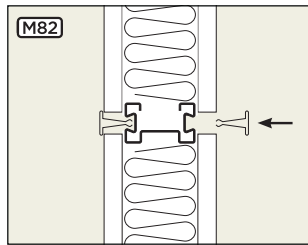
Dynamobel Quality

All the processes used in the design, production, distribution and sale of DYNAMOBEL's M82 demountable partition are quality assurance certified by LLOYD'S per EN ISO 9001:2000.

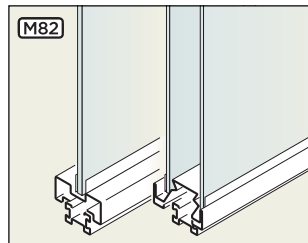
Standard modules



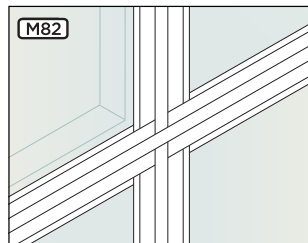
Details and vertical sections



Panel joints: formed by horizontal and vertical splice profiles on the M82.



Glazed modules: these can be single- or double-glazed on the M82 system.



Frames: The frames on the M82 system are joined with butt joints. This means that the doors on the M82 system are reversible.

