Technical characteristics

Description
• Partition demountable via hidden profiling components.

Dimensions
• Standard module width between axes: 1,200 mm
• Standard floor/ceiling heights: 2,700 mm and 3,100 mm
• Tolerance absorption capacity on height: ±20 mm
• Partition thickness: 80 mm
• Weight/m² with woodchip hardboard panels: 20.5 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 200ºC.
• Average paint coat thickness: 50/60 microns.
• Colour tolerance: DIN 5033 standard.

Outer faces, mineral fibre, glass and doors
• Woodchip hardboard panels, edged and coated with semi-rigid vinyl, cotton-gauze or cellulose-based vinyl to be selected from the Dynamobel finish range. Other possible coating options include woods, laminates, etc. Total thickness:13 mm.
• Inner insulation with semi-rigid, 50-mm thick, 30/40-Kg/m³ Mineral Fibre.
  Reaction to fire: M0 (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 52-mm gap double-glazed windows with glass stops and thermoplastic seals.
• 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 joints which run along the entire length of the frame and create the grooves on the "hidden profiling" design.
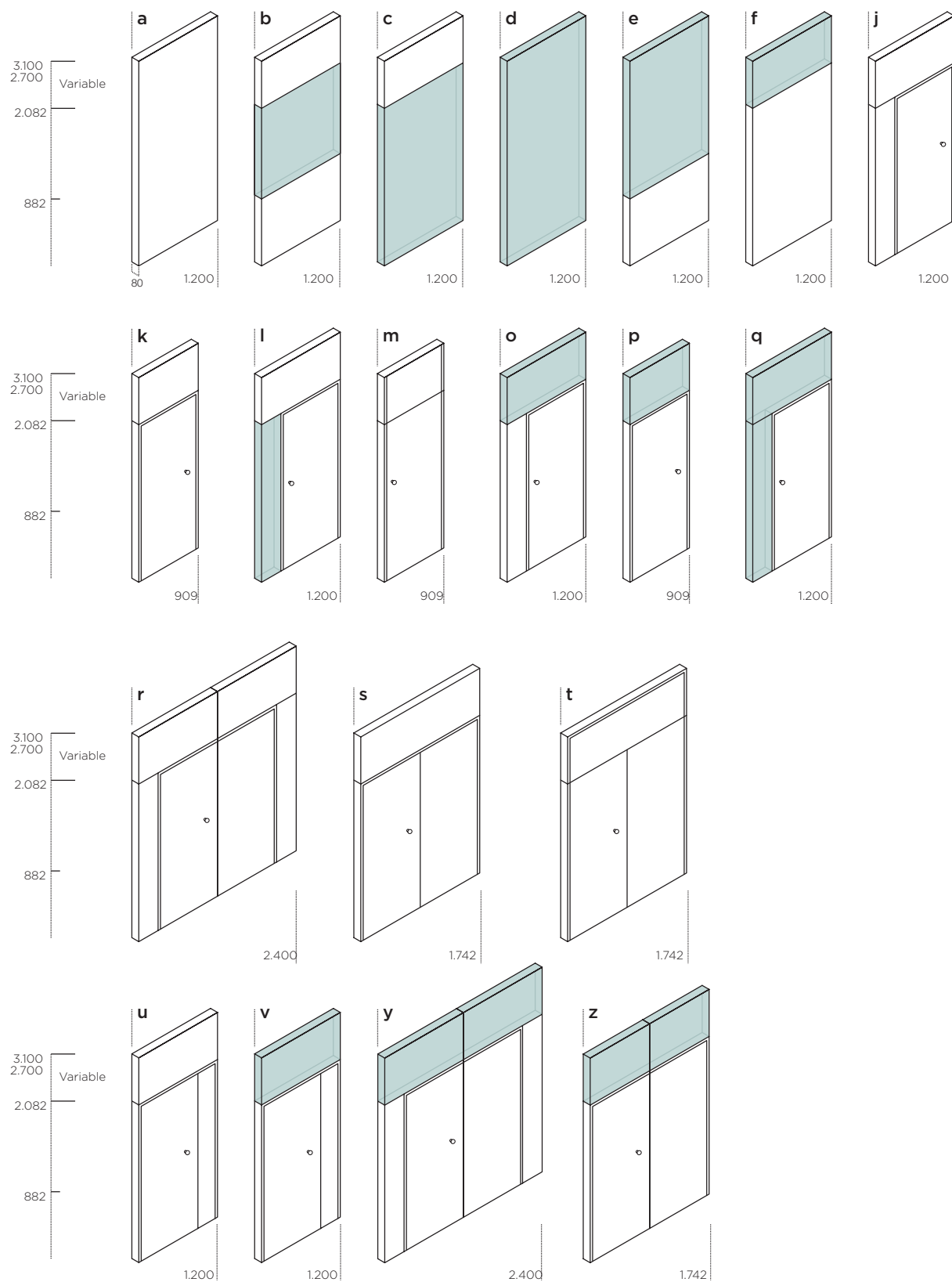
Sound insulation
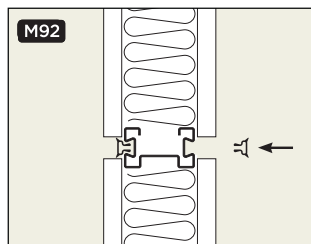• Blind module(A): Rw = 41,3 dB (Applus-Spain in compliance with UNE 74040).

Dynamobel Quality

All the processes used in the design, production, distribution and sale of DYNAMOBEL's M92 demountable partition are quality assurance certified by LLOYD'S per EN ISO 9001:2000.
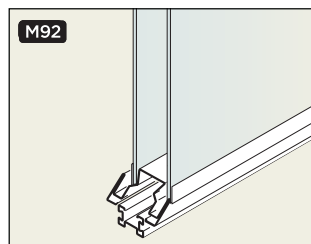
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Standard modules

Row 1 — modules: a, b, c, d, e, f, j
Heights: 3.100 / 2.700 Variable, 2.082, 882, 80
Widths: a 1.200, b 1.200, c 1.200, d 1.200, e 1.200, f 1.200, j 1.200

Row 2 — modules: k, l, m, o, p, q
Widths: k 909, l 1.200, m 909, o 1.200, p 909, q 1.200

Row 3 — modules: r, s, t
Widths: r 2.400, s 1.742, t 1.742

Row 4 — modules: u, v, y, z
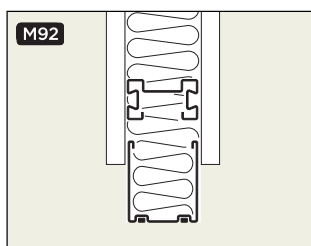Widths: u 1.200, v 1.200, y 2.400, z 1.742
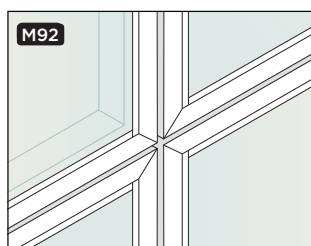
Details and vertical sections

Panel joints: formed by horizontal and vertical splice joints.

Glazed modules: these are always double-glazed on the M92.

Bottom runner: the edged panelling hangs over the indented bottom runner and a third bracing fixture at the bottom fixes the panels.

Frames: The frames on the M92 system are mitred.

M92 A
Solid

M92 B
Double-glazed

M92 D
Double-glazed

M82 M-T
Doors

M82 K-S
Doors (suelo/techo)