

## DESCRIPTION OF **TECNO-10** SPECIFICATIONS

### DESCRIPTION:

The dismountable glass partition wall is constructed from extruded aluminium sections with a shadow joint. The partition wall consists of a minimum of components, which can be reused when moving them, so the partition wall can be moved and re-installed very easily without using special tools. The bottom, top and side sections consist of 70mm wide extruded aluminium sections with a shadow joint. A foam rubber strip is attached to the bottom of the sections. This foam rubber strip ensures a good connection of the wall structure to the ceiling and the floor of the building. This improves the acoustic performance of the partition wall.

All visible sections are available in RAL colours of your choice.

The glass panels can be flat-polished vertically *and* horizontally. They are clamped into the top and bottom rail by means of a concealed synthetic rubber strip. A 10mm wide aluminium post connects the glass panels vertically to each other. Another option is to make a glass-glass connection with a transparent I-shaped synthetic section. These sections have the same thickness as the glass and this way they constitute a sleek unit. Horizontal aluminium posts can be attached to the glass plates and/or frame doors. The vertical and/or horizontal layout can be selected in consultation.

The partition wall can be combined with TecnoGreen® panels, making it possible to integrate technical provisions (wall socket, light switch, etc.) in a Tecno-10 partition wall.

We provide the delivery and installation of the sections and glass panels.

### MATERIAL:

#### Sections:

Aluminium extruded recessed section; dimensions 70x35mm

#### Door frame:

A door frame consists of an aluminium extruded door frame section with a synthetic stop bar all around it. A door frame can be powder-coated in a colour of the client's choice. The door unit is available in room height or in a height to be determined by the client. The standard model of a door frame is constructed at room height and with a rebate of 880 mm. Other rebates with a maximum of 980 mm can also be constructed.

#### Doors:

Different door leaves can be installed:

- **All-glass door unit** consists of a glass door leaf of hardened safety glass in a thickness of 10, 12 or 15 mm. As standard it comes with fittings of the 'Dorma Studio Rondo' type. A double door has a strike box and a matching hold-open device.
- **Full door unit** is constructed as standard in as hollow chipboard and has a finishing layer in HPL, ready to be painted, etc. The long sides of the door leaf have untreated, natural wooden side laths. The thickness of the

door leaf is 40 mm. As standard it has an aluminium L-shaped door handle. A double door has an astragal or convex molding.

- **Frame door unit with single glazing** consists of an aluminium frame (section 80 mm) and in it, a centrally installed glazing of layered safety glass. The door leaf is attached to a door frame using stainless steel hinges. A double frame door with single glazing has an astragal.
- **Frame door unit with double glazing** consists of an aluminium frame (section 80 mm) and installed in it, glazing of double layered safety glass (33.2/33.2A). The door leaf is attached to a door frame using stainless steel hinges.

Additional options are:

Varnished/invisible hinges, surface-mounted/flush-mounted door spring, drop seal, electric lock, etc.

Colour:

All visible sections are available in RAL colours of your choice.

Glass:

10 mm transparent hardened  
12 mm transparent hardened  
15 mm transparent hardened\*

10 mm transparent layered (55.2) / 10 mm transparent layered acoustic (55.2 A)  
12 mm transparent layered (66.2) / 12 mm transparent layered acoustic (66.2 A)  
16 mm transparent layered (88.2)\* / 16 mm transparent layered acoustic (88.2 A)\*

The maximum wall height/width is determined by the selected glazing. The glass is available in different finishes and decorations (sand-blasting, acid etching, striping/window films, patterned glass, coloured glass, etc.).

Choice of module transition:

- 10 x 70 mm thick vertical aluminium posts (standard)
- Transparent / black intermediate sections
- Cemented in various colours (upon request)

Fire resistance:

Tecno-10 is only available as a EI00 wall unit.

Sound insulation:

Sound insulation: 34 – 41dB\*\*

**MEASUREMENT**

Measuring unit: per m<sup>2</sup> of net surface area

Upon request, we can offer the cleaning of the glass panels after mounting them.

\* Only applicable without vertical and horizontal subdivision

\*\* According to the certificate of the glass supplier