

## DESCRIPTION OF **TECNOWOOD** SPECIFICATIONS

### DESCRIPTION:

The dismountable glass partition wall is constructed from untreated side-pressed bamboo sections with a shadow joint at the top. 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 55mm wide side-pressed bamboo sections. 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.

The sections can be used either untreated or treated by using varnish, oil or paint in whichever RAL colour.

The glass panels are flat-polished vertically. They are clamped into the top and bottom rail by means of a raised synthetic rubber strip. A unique and transparent synthetic L-shaped section connects the glass panels vertically to each other. These sections have the same thickness as the glass and this way they constitute a sleek unit.

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

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

### MATERIAL:

#### Sections:

Side-pressed bamboo U-sections; dimensions 55x55mm

#### Door frame:

A door frame consists of a side-pressed bamboo door frame section with a 55mm section along the contra-hinge side and a 40mm section along the hinge side. The section is 55 mm thick and has a synthetic stop bar all around it. 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 in bamboo 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 leave 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 as hollow chipboard and has a finishing layer in HPL, ready to be painted, etc. The long sides of the door leave 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.

Additional options are:

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

Colour:

Standard: untreated bamboo; no need for varnish

Optional: finish using veneer of your choice; needs varnishing

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 height (maximum 3,000 mm) and width of the glass panels 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:

- Transparent / black intermediate sections
- Cemented in various colours (upon request)
- Vertical side-pressed bamboo intermediate sections

Fire resistance:

TecnoWood® is only available as EI00 wall unit.

Acoustics:

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.

\* According to the certificate of the glass supplier