

### Technical characteristics

#### Material

Dynamobel's M82/M92 Crystal partitions consist of a combination of parts made of three types of material:

- Polymethyl methacrylate: totally transparent high performance polymer, which does not alter over time.
- Sendzimir galvanised steel frame.
- Aluminium glass stops.

#### Paint

Previously degreased and electrostatically coated with polyester or epoxy polyester powder paint and polymerised in ovens at 200°C.

- Average paint coat thickness: 50/60 µ.
- Colour tolerance: DIN 5033 standard.

#### Dimensions

- Standard heights of 2,700 mm and 3,100 mm.
- Laminated glass 4+4, 5+5 and 6+6.

#### Frame

- Standard module width:
  - 1,200 (4+4/5+5/6+6)
  - 2,400 (4+4/5+5/6+6)
  - 3,600 (5+5/6+6)
  - > 3,600 (6+6)
- 90° PMMA joint, with mitred frame and glass stops.
- Polymethyl methacrylate T-joint and cross joint.

### Performances

#### Mechanical resistance

Mechanical resistance demonstrated through studies at universities and following the recommendations of and information provided by the glass manufacturers.

#### Sound insulation

- In blind areas,  $R_w=45$  dB
- In glazed areas,
  - $R_w= 35$  dB (5+5 or 6+6 panes)
  - $R_w= 33$  dB (4+4 panes)

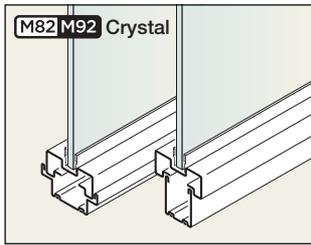
#### Environmentally friendly

Once dismantled, nearly 100% of the elements comprising Dynamobel partitions can be reused. They do not generate polluting waste.

### Dynamobel Quality

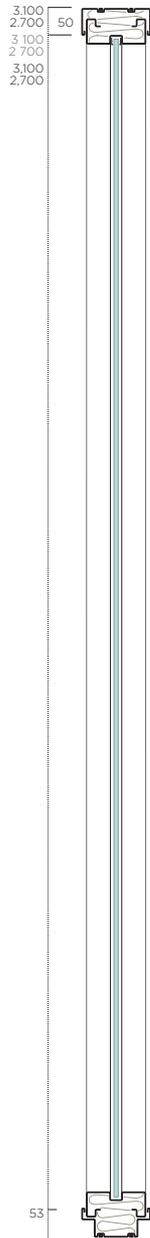
All the processes used in the design, production, distribution and sale of DYNAMOBEL's partition, wall storage and movable partition systems are quality assurance certified by LLOYD'S per EN ISO 9001:2000.

### Details and vertical sections



**M82-M92 Crystal:** the double-glazed option is not available, the glass stops are different in order to house thicker glass (4+4/5+5/6+6).

**M82**  
D  
1 Vidrio  
1 Vitre  
Single-glazed



**M92**  
D  
2 Vidrios  
2 Vitres  
Double-glazed

