

PANORAMIC FR50

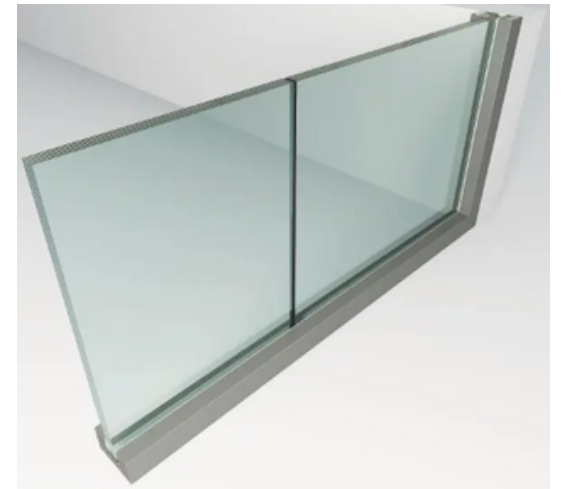
Technical Data Sheet

Description:

High-performance fire-rated “Insulation and Integrity” glazed partition, ideal for securely defining sensitive areas within larger spaces. Delivers exceptional fire protection and superior acoustic insulation. Offered in both framed and frameless designs.

Configuration:

- Single-Glazed Centered
- Framed or Frameless



Construction:

Structure

- Framed
50mm wide, 1.2mm steel ceiling and floor channels.
58mm wide, 1.2mm steel glass separation posts with gypsum and rockwool infill.
- Frameless
50mm wide, 1.2mm steel ceiling and floor channels with gypsum and rockwool infill. 5mm wide glass junction with calcium silicate tape and silicone caulking

Finishes

- Surface treatment: Thermosetting Polyester Powder Coating applied with 60 micrometer dry film. The powder coating provides a VOC-free, scratch resistant surface.

Fire Protection

- Fire-Rated partitions with integrity and heat insulation. The partition integrates thermal break insulation materials to reduce heat radiation. Gypsum infill layers prevent heat transmission through the partition frame.
- **Grade-A** tested partitions in accordance with Chinese standards **GFBQ-3030-1-1.0**
- Dimension limits in accordance with certificate.

Specifications:

Dimension Acoustics

- Height : Up to 3,000mm
- Width: Up to 1,500mm
- Thickness: 89mm
- Channel height: 50mm (Top and Bottom)

- Framed: 43 dB
- Frameless: 41 dB

