

## IMOLA TIMBER FRAME PARTITION (FSPEC12) K30 Specification

### MANUFACTURER

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### DETAILED DESCRIPTION

The Imola Timber/ MDF composite frame demountable and relocatable partition system provides a comprehensive range of standard elevations comprising solid, door and single centre, single offset or double glazed modules.

Performance :

Fire resistance to BS 476-22:1987 up to FD60 for glazed, solid and door modules.

Sound insulation to BS EN ISO 10140-2-2010 : single glazed module up to 35dB(Rw); double glazed module up to 51dB(Rw); single door module up to 40dB(Rw) Solid up to 51dB(Rw).

Veneer panel surface spread of flame classification Class 1 when tested in accordance with BS476 Part 7 : 1997.

Imola complies with Structural guidelines recommended in BS5234-2 Partitions 1992 and BS6180-2011 Barriers in and about Buildings.

Doorset resistance to vertical load to BS EN 947 : 1999 : Severe Duty

Doorset resistance to soft body impact To BS EN 949:1999 : Severe Duty

### Product Guidance – As Standard

Partition Height up to 3000mm. Module width up to 1200mm

Frame dimensions : non fire frame face 45mm X depth ((ma) to suite 75mm solid) 103mm ((mb) to suite 100mm solid) 128mm, ((mc) to suite 122mm solid) 150mm

Fire frame face 60mm X depth ((ma) to suite 75mm solid) 103mm

((mb) to suite 100mm solid) 128mm, ((mc) to suite 122mm solid) 150mm

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### Options

#### Frame finish as delivered

All commercially available timber / veneers – Clear / tinted : U/V lacquer Standard 20% gloss level / other.  
Stained ..... Colour & finished with u/v Standard gloss 20% gloss level / other.

All commercially available RAL colours : high solid pigmented lacquer “paint finish” Standard gloss 20% / other.

For onsite finishing by others : Pre-cat primer unsanded for onsite denib & coat with either standard water based latex/ acrylic or oil based (alkyd) topcoat paint.

### Modules – Non Fire

#### Glazed

Single Glazed with mullions - offset/central – Toughened glass (size limit 6mm / 8mm) / 10mm (34dBRw) / 12mm (35dBRw).

Single Glazed mullion free glass to glass –offset/central–Toughened glass 10 mm(34dBRw)/12mm(35dBRw).

Double glazed with mullions – Toughened glass 10mm & 6mm(42dBRw) / 12mm & 10mm(49dBRw).

Double glazed mullion free glass to glass – Toughened glass 12mm & 10mm (49dBRw).

#### Door

Standard door & frame.

Flush face door & frame.

Concealed doorframe with sequentially matched veneer panel and door.

#### Solid

Wrap round transition post.

Flush shadow gap.

Veneer panel (prepared for room book system).

### Modules – Fire

#### Glazed

Single Glazed with mullions –Offset – FD30/0 GFP 12mm (2900mm x 1000mm)

/ FD30/30 GFP 16mm (2900mm x 1200mm)

Single Glazed mullion free glass to glass – offset - FD30/30 GFP20 (2900mm x 1200mm)

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Single Glazed with mullions – Offset – FD60/0 GFP12mm (2400mm x 900mm)  
FD60/30 GFP16 mm(2900mm x 1200mm) FD60/60 GFP25mm(2900mm x 1200mm)  
Single Glazed mullion free glass to glass – offset - FD60/60 GFP25mm (2900mm x 1200mm)  
Double glazed – Consult with Imola technical department

### **Door**

Standard door & frame FD30 (44mm) / FD60 (54mm)

**Solid** - To drywall manufacturers specification

### **TIMBER/MDF MOISTURE CONTENT ON DELIVERY**

Comply with BS EN 942:2007 service climate 12-21°C / above 21°C 12 %.

### **SITE CONDITIONS**

Conditions for storage, handling, stacking and covering of timber/MDF framing during installation to comply with manufacturer's instructions.

Post installation temperature to be in region 12°C to 21°C and relative humidity range 40% to 60%.

### **INSTALLATION**

Fix timber/MDF frame(s), glass panel's seals and bead in accordance with Imola Installation guides FZD5043 to FZD5048.