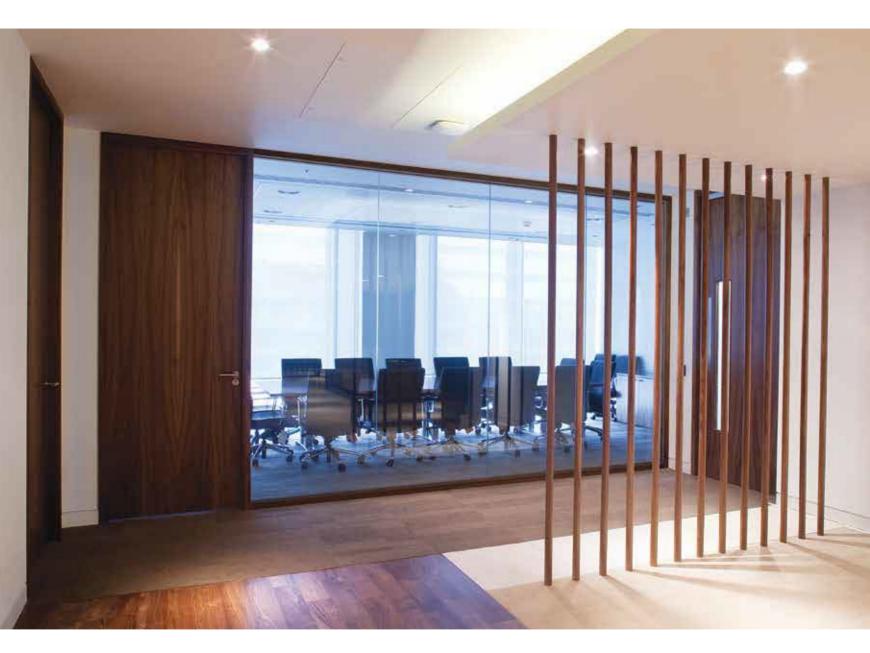


Oak. Double glazed. Mullion free glass to glass dry joint. Full height standard door set.



Module Options:

Glazed Mullion or Glass to Glass (Dry Joint Gasket or optional silicon)

- 1. Single Centre
- 2. Single Offset
- 3. Double

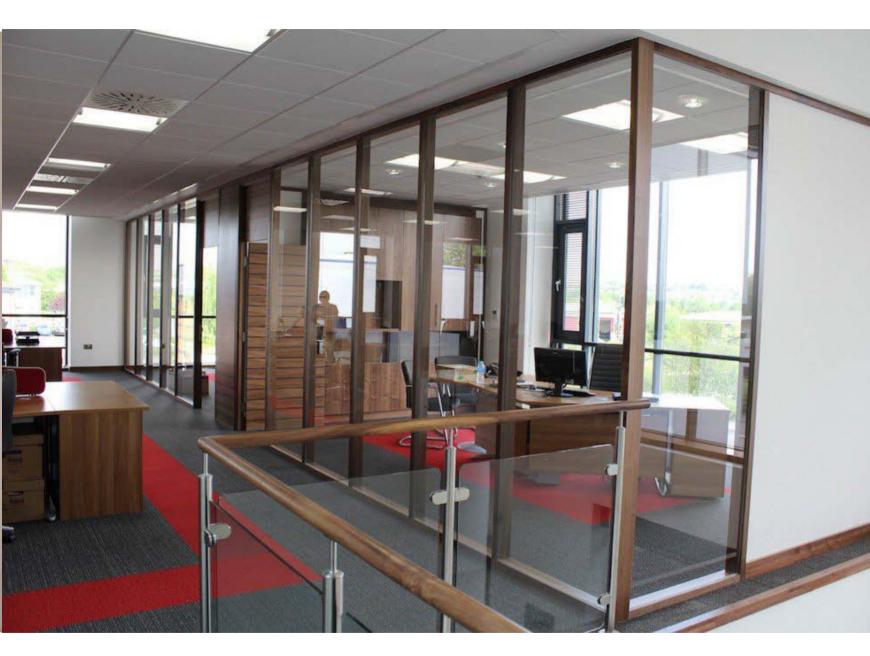
Door

- 1. Standard door and frame
- 2. Flush face door and frame
- 3. Concealed doorframe with sequentially matched veneer panel and door

Solid

- 1. Wrap round transition
- 2. Flush shadow gap
- Veneer panel (prepared for room book system)

American Black Walnut. Single glazed offset. Mullion free glass to glass dry joint. Full height standard door set.



The Imola partition system is manufactured in West Sussex, producing doors, frames, fire screens and veneered panels. The Imola team are thus able to produce a fully co-ordinated project component delivery that recognises project lead times as crucial and when site events compress the completion schedule are able to support fast track demands.











American White OaK (quarter cut)

Double Glazed Screens Rw 51dB

Timber Doors Rw 37dB





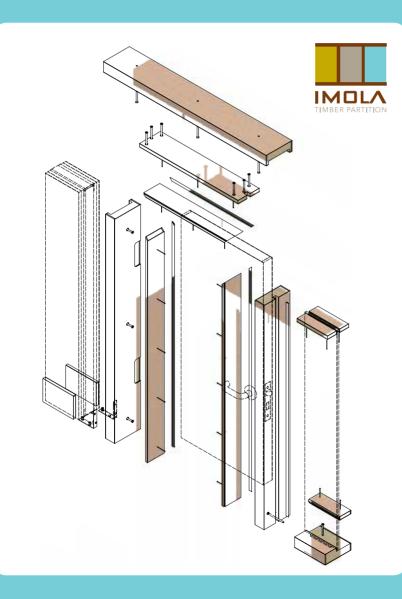




IMOLA METHOD OF BUILD

IMOLA PARTITIONS

To assist in the installation of the Imola frame system and final glazing a number of graphic method of build guides have been developed. Should any onsite difficulties be encountered by the specialist sub contractor the Forza technical team are available to assist for "on time" project completion.



FZD5043 Concealed doorframe and veneered panel guide
FZD5044 Standard door and frame guide
FZD5045 Flush face door and frame guide
FZD5046 Mullion guide
FZD5047 Transition and junction guide
FZD5048 Glazed corner guide
FZD5049 Transom and deflection head guide
FZD5050 Glazing and door gasket guide



All IMOLA Method of Build PDF specification sheets are available to download from a member of our team p: +353 1 853 2222 e: info@allied.ie:



IMOLA SYSTEM PERFORMANCE AND COMPONENT DETAIL

Imola has mastered the challenge of achieving aesthetic design combined with the performance requirements of Fire, Acoustics and Structural Stability. Standard dimension components are manufactured to project specific finishes enabling the client design team to create a visually unique workspace.

FIRE

The Imola partition system in both Mullion and Mullion free formats have been tested and assessed in accordance with the method and criteria of BS476: Part22: 1987.

The product specifications of Forza firescreens and the Imola Timber partition system to achieve integrity / insulation performance criteria of FD30/0, FD30/30, FD60/0, FD60/30 and FD60/60 are detailed in IFC Schedule reference PAR/11294/01 Rev B.

STRUCTURAL

The Imola Partition system ha been subjected to a number of physical tests and CAD finite Element analysis simulations to confirm the structural stability complies with guidelines for Strength and Robustness detailed in various British standards.

Imola screen and partition systems fall within the recommended maximum displacement of 25mm detailed in BS6180-2011 and achieve a **severe duty grade** performance for partition stiffness (test annex A) detailed in BS5234-2.1992.

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Extract from drawing FZD5059



ACOUSTICS

The Imola timber partition system has been tested at Sound Research Laboratories to determine the sound reduction index of various glass combinations in accordance with BS EN ISO 10140-2-2010.

The results of the measurements (reported in accordance with BS EN ISO 717-1:1997) and subsequent analysis are given in data graphs available at: www.forza-doors.com/imola /acoustics.

The laboratory sound insulation characteristics of the Imola timber frame system & principle glass combinations are:

Single Offset or Single Central Glazed

- 10mm toughened glass 34dBRw
- 12mm toughened glass 35dBRw

Double Glazed

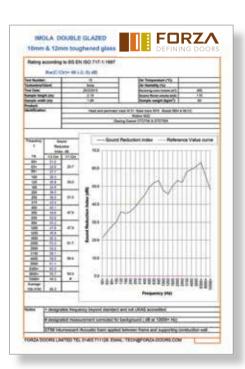
- 10mm & 12mm toughened glass 49dBRw
- 10mm toughened glass & 12.8mm acoustic
 51dBRw
- 12.8mm toughened glass & 16.8mm acoustic
 54dBRw

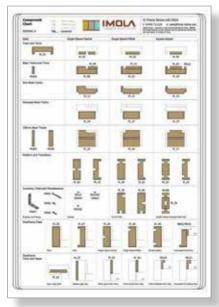
COMPONENTS

Imola standard components comprise of 45mm frame sections for head, base, mullions, door and junctions to suite with solid structural depths of 75mm(MA), 100mm (MB) and 122mm(MC).

Where project specific site dimensions require alternate frame dimensions, the Imola technical team are available to assist the specifier in detailing the frame system to ensure performance criteria are maintained.

All specification certification technical guides and drawings can be supplied by our team e: info@allied.ie p: +353 1 853 2222





IMOLA FINISHES

The benefit of the composite design of the Imola system incorporating veneer, timber and MDF allows the designer an extensive choice of commercially available veneers or paint finishes.



For a more extensive choice of finishes visit: www.forza-doors.com/veneer & finishes/the art within







Allied Ireland Unit 24 Tolka Valley Business Park Ballyboggan Road Dublin D11Y6XY Tel: +353 1 853 2222 Email: info@allied.ie Website: allied.ie/imola



When specified and ordered accordingly the Imola partition system is available as FSC/PEFC compliant



The IMOLA Timber Partition system falls within Glazed Partitions of the RICS Ska rating system as it meets the criteria "are re-locatable and are manufactured in a factory that has achieved and maintains an environmental management system in accordance with BSEN ISO 14001" .Ska ID M09 Rank 55.