

IMOLA
TIMBER PARTITION



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
3. 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 the Forza West Sussex factory producing Forza doors, frames, fire screens and veneered panels. The Forza 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.



01 Double glazed wall start

02 Transition solid to double glazed

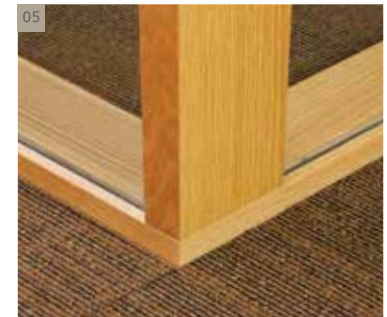
03 Mullion single centre glazed

04 Transition shadow gap solid to single centre glazed

05 Corner post offset single glazed



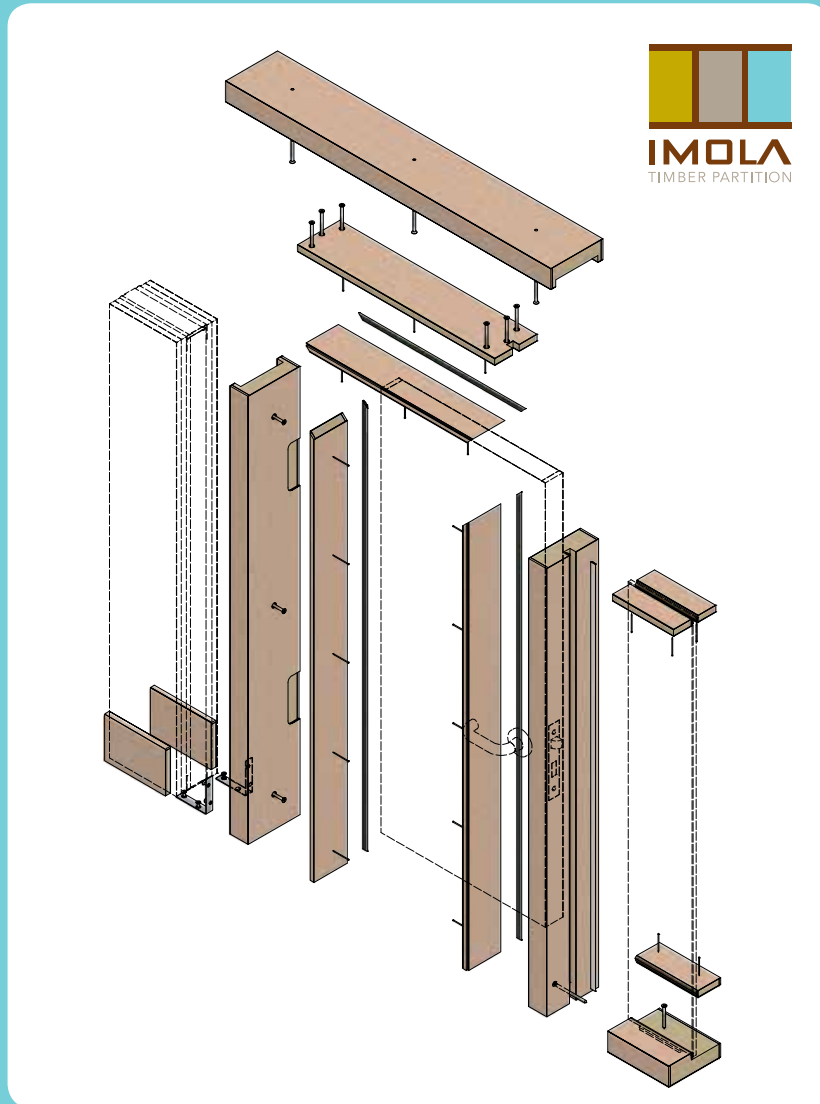
Steamed Beech.
Single glazed offset.
Mullion free glass
to glass dry joint.
Standard doorset
with fanlight.



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

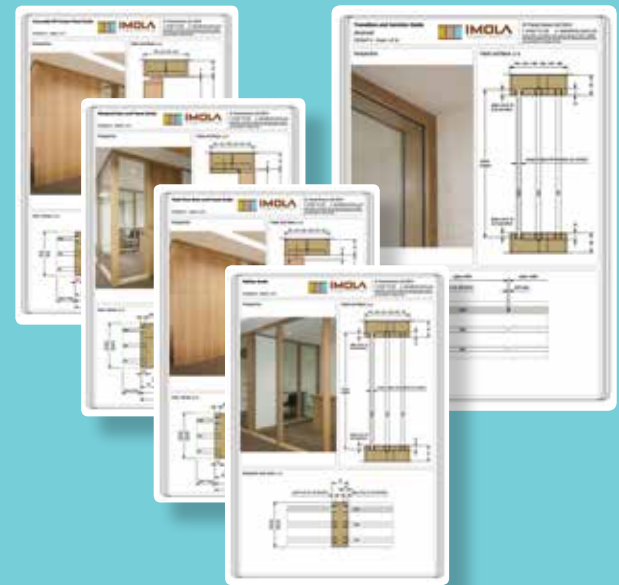
FZD5046 Mullion guide

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 our website:

www.forza-doors.com/imola/guides



American Black Walnut.
Single centre glass to
glass dry joint.
Full height standard
door set.



Forza have mastered with Imola 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

Forza Firescreens and Imola timber 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

Forza Timber frame screens and the Imola Partition system have 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.

The Forza 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.

Test	Test Series BS 5234-2	Applied Load	2010-1984 Joints (Integrity) Permanent Displacement	2010-1984 Joints (Flex) Total Deflection
Integrity of partition system	A	1200 N	0.15mm	1.5mm
Flex of partition system	A	1200 N	0.15mm	1.5mm
Stiffness of partition system	G	1200 N	0.15mm	1.5mm

Completion: *These tests must be carried out in accordance with the standard Annex 5 of BS 5234-2

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:

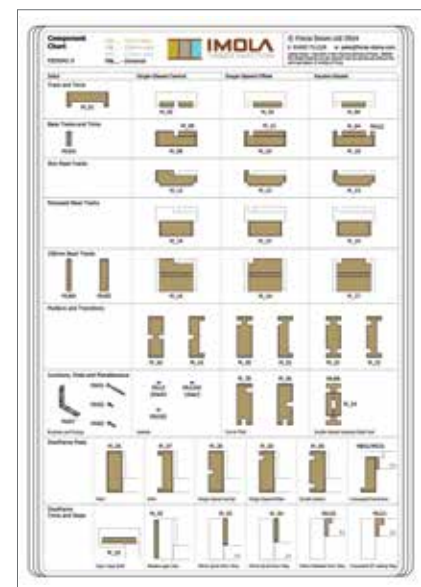
- Single Offset or Single Central Glazed
 - 10mm toughened glass - **34dBRw**
 - 12mm toughened glass - **35dBRw**
- Double Glazed
 - 10mm & 12mm toughened glass - **49dBRw**
 - 12mm toughened glass & 16mm GFP fireglass - **51dBRw**

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.

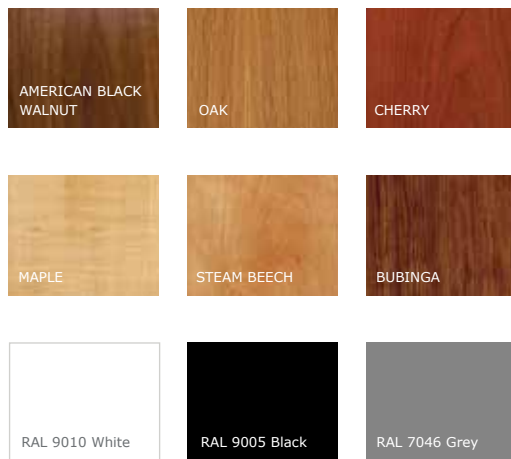
All specification certification technical guides and drawings can be downloaded as PDF's from our website: www.forza-doors.com/imola/guides



Crown cut oak. Concealed door frame.
Sequentially matched veneer door and panel set.

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 veneer/veneer guide](http://www.forza-doors.com/veneer&finishes/theartwithin/veneer/veneerguide)



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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.