COST EFFECTIVE DOOR SOLUTIONS
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TDSL

TDSL is an internationally acclaimed doors manufacturing, and ironmongery business based in India, U.K. and U.A.E. with sales extending up to Hong Kong, Australia and U.S.A.

Our fully certified doors manufacturing facility is based in North West India and produces a comprehensive range of fire and non-fire doors and doorsets. Our facility has supplied products to multiple high-profile projects in the UK, Middle East, India, and Australia over several years and has built an excellent reputation for high quality yet affordable solutions for our clients.

Our distribution business in the UK and GCC is now able to provide doors and ironmongery solutions. This includes direct distribution as well as distribution to OEM suppliers such as manufacturers of modular buildings and retail stores. Our aim is to provide high quality, affordable door solutions supported by comprehensive certification and also assistance in project-specific approvals.

In addition to distribution and supply, we offer a one-stop solution for design, estimation, scheduling and manufacturing. Our supply and logistic services include shipping, customs clearance, de-bulking, storage (if required) and onward delivery to our client’s premises or any desired location.

TDSL supports all doors requirements ranging from non-fire rated to fire rating up to FD 120, offering BS, ANSI and ISO standards as well as high performance acoustics and severe duty doors. We believe in delivering accurate and cost-effective door solutions on time and in full.
Manufacturing Facility in India

Our state-of-the-art factory is located in Kandla, Gujarat in the North West India. The two buildings were constructed in 2008 and have a combined floor area of 19,500 m². TDSL is equipped with high caliber machinery and well experienced staff, allowing us to manufacture products to the best of international standards. The machinery list is extensive and includes jumbo Beam Saws, 3 Lipping machines, Calibration Sanders, 3 Single Presses, 3 CNC machines, a 3-coat UV lacquer line along with a bespoke joinery shop and complete painting facility. It is an extensive factory, capable of delivering large projects efficiently and to the finest quality. New capital investments are continuously made towards machinery including recent upgrades made to our Frame manufacturing machines, Veneer Cutting and Stitching and Wrapping machine and new Paint booths. Furthermore, we maintain an abundant stock of select quality raw materials and tools. The facility also allows us to fully prepare doorsets for ironmongery and to fit non-protruding items, if required.

Flexible Production

The factory has a capacity of manufacturing 3000 doorsets per month that can be extended up to 4500 doorsets (in extended shifts) depending upon project requirements. Individual componenetry such as Architrave or Vision Panel Cassettes are also manufactured in matching timeline. The product offer is extensive, and our manufacturing lead times are supported by a large stock holding of hardwood, door cores and veneers enabling us to move into manufacturing quickly from point of order.

Quality Assurance

TDSL’s facility has a full suite of quality and environmental accreditations which are all 3rd party audited and verified. These include ISO9001 and full chain of custody.

Certification

All our fire-rated products are tested to BS476 Part 22 and BS EN 1634-1 and certified through BM Trada under the Q-Mark scheme for manufacturing fire doors. We are amongst the very few companies in the world who are also able to offer a full range of American standard fire doors and frames to the (ANSI) UL10C standard. This offer is fully certified through Intertek and can include timber finished composite fire doors up to 90mins with matching timber finished frame, or fully finished steel frames.

All general certification along with fire testing, acoustic testing and mechanical test evidence is available on request.
TIMBMET DOOR SOLUTIONS (P) LTD.

PLOT NO. 224-227, SECTOR-IV, KANDLA SPECIAL ECONOMIC ZONE (KASEZ),
GANDHIDHAM – 370 230, DIST. KUTCH, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the
Management System of the above organization has been audited and found to
be in accordance with the requirements of the Management System standard
detailed below.

**ISO 9001:2015**

**Scope of certification**

**MANUFACTURE & EXPORT OF FIRE RATED TIMBER DOORS &
DOOR SETS**

Original cycle start date: 09 May 2013
Expiry date of previous cycle: 08 May 2016
Recertification Audit date: 27 May 2016
Recertification cycle start date: 04 July 2016
Subject to the continued satisfactory operation of the organization’s Management System,
this certificate expires on: 03 July 2019


Signed on behalf of BVCH SAS – UK Branch
Ramesh KOREGAVE
Director, CERTIFICATION
South Asia Region

Certification body address:
Local office: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom.
“Marwah Centre” 6th Floor, Krishanlal Marwah Marg,
Opp. Ansa Industrial Estate, Off Saki Vihar Road,
Andheri (East), Mumbai – 400 072, India.

Further clarifications regarding the scope of this certificate and the applicability of the
management system requirements may be obtained by consulting the organization.
To check this certificate validity please call +91 22 6695 6300.
CERTIFICATE OF REGISTRATION

This is to certify that

Timbmet Door Solutions Private Limited
Plot No 224-227, Sector IV
Kandla Special Economic Zone (KASEZ)
Taluka Gandhidham
Dist Kutch
Gujarat 370 230
India

has been audited and found to meet the requirements of standard(s) FSC-STD-40-004 (Version 3.0) EN and FSC-STD-50-001 (Version 2.0) EN for FSC® Chain of Custody Certification

Scope of certification
The purchase, processing, sales and distribution of doors and doorsets.

Products:
W11 Wood for construction
W11.1 Doors and door frames
P3 Paperboard
P3.4.1 High-pressure laminates (HPDL, HPL)

Certificate number: TT-COC-002749
Issue number: 2018-01
Certificate start date: 18 September 2018
Certificate expiry date: 17 September 2023
Date of initial certification: 18 September 2008

Karen Prendergast
Sector Director - Certification
Exova BM TRADA

This certificate remains the property of Exova (UK) Ltd. This certificate and all copies or reproductions of the certificate shall be returned to Exova (UK) Ltd or destroyed if requested. The validity of this certificate and the list of products covered by this certificate should be verified at www.fsc-info.org Forest Stewardship Council®

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified (or FSC Controlled Wood). Products offered, shipped or sold by the certificate holder may only be considered to be covered by the scope of this certificate when the required FSC claim is stated on invoices and shipping documents.

Multisite clients: The scope of certification shown above includes the participating sites shown in appendix A.
**Appendix A**

The network of participating sites shown below is included in the scope of certification shown on certificate number (TT-COC-002749)

<table>
<thead>
<tr>
<th>Branch</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timbmet Door Solution Pvt. Ltd.</td>
<td>Shed No 345 and 346A</td>
</tr>
<tr>
<td></td>
<td>Sector IV Kandla Special Economic Zone (KASEZ)</td>
</tr>
<tr>
<td></td>
<td>Taluka Gandhidham</td>
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<tr>
<td></td>
<td>Kutch-370230</td>
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<td></td>
<td>Gujarat</td>
</tr>
<tr>
<td></td>
<td>India</td>
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</table>
CERTIFICATE OF REGISTRATION

This is to certify that

Timbmet Door Solutions Private Ltd
Plot no.224-227, Sector-IV
Kandla Special Economic Zone (KASEZ)
Taluka Gandhidham, Distt
Kutch
Gujarat 370230

Meets the requirements of the Exova BM TRADA Q-Mark Fire Door Manufacture scheme to STD 006 083 - Issue 2 - 11/07/2014

Karen Prendergast
Sector Director - Certification
Exova BM TRADA

Certificate Number
314
Date of Initial Certification
4 September 2008
Date of Last Issue
9 January 2018
Date of Expiry
16 December 2018

Exova (UK) Ltd, (T/A Exova BM TRADA), Chiltern House, Stocking Lane, High Wycombe, Buckinghamshire, HP14 4FD, UK

This certificate remains the property of Exova (UK) Ltd. This certificate and all copies or reproductions of the certificate shall be returned to Exova (UK) Ltd or destroyed if requested. Further clarification regarding the scope of this certificate and verification of the certificate is available through Exova BM TRADA or at the above address or at www.exovabmtrada.com

The use of the UKAS accreditation mark indicates accreditation in respect of those activities covered by the accreditation certification 012

Multikite clients - The scope of certification shown above includes the participating sites shown on the registration schedule
Registration Schedule

Branch                                      Address
Timbmet Door Solutions Private Limited      Plot no.224-227, Sector-IV
                                         Kandla Special Economic Zone (KASEZ)
                                         Taluka Gandhidham, Distt Kutch
                                         Gujarat 370230

Scope

<table>
<thead>
<tr>
<th>Assessment/Test Report</th>
<th>Owner of Assessment/ Report</th>
<th>Doorset Description</th>
<th>Rating</th>
<th>Test Type</th>
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<tr>
<td>Chilt/A01204</td>
<td>Halspan Limited</td>
<td>Optima 30</td>
<td>30min</td>
<td>BS476 Part 22</td>
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<tr>
<td>Chilt/A01205</td>
<td>Halspan Limited</td>
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<td>60min</td>
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<td>Halspan Limited</td>
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<td>60min</td>
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<td>Chilt/A05151</td>
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<td>Halspan 120</td>
<td>120min</td>
<td>BS476 Part 22</td>
</tr>
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This certification is awarded to the company named above and is not transferrable.
Recently Completed Contracts

Al Farwaniya Court Complex Kuwait
Contractor: Al Ghanim
Client: Amiri Diwan,
Consultant: PACE,
Value: GBP 1,100,000.00

Qatar National Museum Qatar
Contractor: Hyundai Engineering
Client: Astad,
Consultant: Jean Nouvel,
Value: GBP 1,500,000.00

Msheireb Downtown Doha Qatar
Contractor: Carillion QBCJV
Client: Msheireb Properties,
Consultant: Time Qatar
Value: GBP 1,650,000.00
Oberoi Realty Limited

Contractor:
Client: Consultant:
Value: GBP 1,800,000.00

Middlewood Locks

Contractor:
Client: Carlton Joinery Products Ltd,
Value: GBP 2,060,000.00

Omkar Realtors and Developers Pvt. Limited

Contractor:
Client: Consultant:
Value: GBP 7,000,000.00
Other Projects

Perth Childrens Hospital
Client: John Holland
Value: GBP 1,428,896.97

Alzeina
Client: ALDAR Laing O'Rourke Construction LLC
Value: AED 2,264,1208.00

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<thead>
<tr>
<th>Project</th>
<th>Customer</th>
<th>Type</th>
<th>Year</th>
<th>Door / Sets Qty</th>
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<tbody>
<tr>
<td>IGP Govt.Office - Turkmenistan</td>
<td>Bouygues Batiment</td>
<td>Doorset</td>
<td>2010</td>
<td>1125</td>
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<tr>
<td>Southern General Hospital - UK</td>
<td>TDSL</td>
<td>Doors</td>
<td>2011</td>
<td>855</td>
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<tr>
<td>Al Muneera - Abu Dhabi</td>
<td>Carillion Construction Limited</td>
<td>Doorset</td>
<td>2011</td>
<td>1200</td>
</tr>
<tr>
<td>Food Factory - India</td>
<td>Nestle India Limited</td>
<td>Doors</td>
<td>2011</td>
<td>350</td>
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<tr>
<td>Al Raha Beach Development - Dubai</td>
<td>Aldar / Laing O'Rourke</td>
<td>Doorset</td>
<td>2012</td>
<td>24500</td>
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<td>Crown Place - UK</td>
<td>Leaderflush Shapland</td>
<td>Doors</td>
<td>2013</td>
<td>4008</td>
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<tr>
<td>New Children Hospital - Perth</td>
<td>Laidlaw Interiors Group</td>
<td>Doors</td>
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<td>Elephant Road - UK</td>
<td>Laidlaw Interiors Group</td>
<td>Doors</td>
<td>2015</td>
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<tr>
<td>NBK Children Hospital - Kuwait</td>
<td>Laidlaw Gulf LLC</td>
<td>Doorset</td>
<td>2016</td>
<td>290</td>
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<tr>
<td>Heart Of Doha - Qatar</td>
<td>Laidlaw Gulf LLC</td>
<td>Doorset</td>
<td>2015</td>
<td>3315</td>
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<td>Qatar National Museum - Qatar</td>
<td>Leaderflush Shapland</td>
<td>Doorset</td>
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<td>Alta Monte Omkar - India</td>
<td>ERA Realtors PVT. LTD.</td>
<td>Doorset</td>
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<tr>
<td>Middle Wood Locks - UK</td>
<td>Doorsets International - UK</td>
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<td>2017</td>
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<tr>
<td>Oberoi Esquire - India</td>
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<td>Doorset</td>
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<td>Royal Wharf - UK</td>
<td>Doorsets International - UK</td>
<td>Doors</td>
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<td>East Street Student Accomodation - UK</td>
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<td>University of Kent - UK</td>
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<td>538</td>
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</table>
Manufacturing Process
Bespoke Doors
Door Leaf Constructions

British Standards

Our doors combine solid constructions, high quality raw materials and detailed manufacturing management in order to produce cost-competitive performance doorsets.

In accordance with British Standards, our door leaf construction is based on a graduated density chipboard core with a minimum thickness of 38mm. Hardwood lipping which are fitted to all four edges or two long edges of the door, are a minimum of 6mm in hardwood and can be concealed or exposed to match the decorative facing on the leaf. The door leaf face will meet the customer’s requirement and will generally be finished in laminate, prime coat only, full factory paint, or veneer. The sub-face and thickness of the door will depend on its performance requirement.

All doors are durability tested to DD171, have a severe duty rating and are fire rated from FD30 through to FD120.

Acoustics range from 32 dBRw to 38 dBRw within our standard offer (see table below). However, enhanced acoustics are available on request.

Performance Summary - British Standards

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Single Leaf (mm)</th>
<th>Double Leaf (mm)</th>
<th>Finished Leaf Thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
<td>Height</td>
</tr>
<tr>
<td>FD30</td>
<td>From 2135</td>
<td>1200</td>
<td>2135</td>
</tr>
<tr>
<td></td>
<td>To 2800</td>
<td>915</td>
<td>2600</td>
</tr>
<tr>
<td>Acoustic performance (dBRw)</td>
<td>Unglazed 33</td>
<td>32</td>
<td>Glazed 35</td>
</tr>
<tr>
<td>FD60</td>
<td>From 2441</td>
<td>1384</td>
<td>2300</td>
</tr>
<tr>
<td></td>
<td>To 3050</td>
<td>825</td>
<td>2850</td>
</tr>
<tr>
<td>Acoustic performance (dBRw)</td>
<td>Unglazed 34</td>
<td>33</td>
<td>Glazed 35</td>
</tr>
<tr>
<td>FD90</td>
<td>From 2400</td>
<td>1072</td>
<td>2150</td>
</tr>
<tr>
<td></td>
<td>To 2450</td>
<td>1047</td>
<td>2200</td>
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<tr>
<td>Acoustic performance (dBRw)</td>
<td>Unglazed 34</td>
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<td>Glazed 35</td>
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<tr>
<td>FD120</td>
<td>From 2395</td>
<td>1022</td>
<td>2395</td>
</tr>
<tr>
<td></td>
<td>To 2660</td>
<td>915</td>
<td>2610</td>
</tr>
<tr>
<td>Acoustic performance (dBRw)</td>
<td>Unglazed 38</td>
<td>37</td>
<td>Glazed</td>
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</tbody>
</table>
Door Leaf Constructions

ANSI Standards

To meet American ANSI/NFPA/UL standards, we use a 38mm thick mineral core as the base material. Sub faces are applied depending on the performance requirement of the door and then are factory finished. The same mineral material is used for door frames which is then given its factory surface finish (usually veneer). We can also offer a steel frame solution. The American standard fire test has an additional hose stream element as part of its requirement, which is the reason for the use of composite mineral materials in the core.

The core will be supplied with a high-density stile and rail, if required, along with hardwood lipping which conceal the intumescent seals. Fire ratings extend to 90 minutes with acoustics rated to 40 STC. All hardware requirements can be prepared for in the factory.

Performance Summary - ANSI (UL10C) Standards

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Single Leaf (mm)</th>
<th>Double Leaf (mm)</th>
<th>Finished Leaf Thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
<td>Height</td>
</tr>
<tr>
<td>FD20</td>
<td>MAX</td>
<td>2438</td>
<td>1219</td>
</tr>
<tr>
<td>Acoustic performance dB</td>
<td>MIN</td>
<td>32</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>MAX</td>
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<td>34</td>
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<tr>
<td>FD45</td>
<td>MAX</td>
<td>2743</td>
<td>1219</td>
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<tr>
<td>Acoustic performance STC</td>
<td>MIN</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>MAX</td>
<td>40</td>
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<tr>
<td>FD60</td>
<td>MAX</td>
<td>2743</td>
<td>1219</td>
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<td>Acoustic performance STC</td>
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<td>1219</td>
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<tr>
<td>Acoustic performance STC</td>
<td>MIN</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>MAX</td>
<td>40</td>
<td>39</td>
</tr>
</tbody>
</table>
Door Leaf Lipping Details

Lipping is applied to all four edges to provide optimum protection. Both exposed and concealed lipping is available with all of our doorsets. We use certified hardwood from a range of timber species to match or contrast the door veneer or laminate. Lipping can be square edged or have a pencil roundness to soften the edge if required. Should you require the door to comply with Equality Act requirements, we can add a contrasting colour insert within the lipping.
Door Leaf Finish Options

All Door Leaf finishes are available to suit all Fire and Acoustic ratings listed.

Kraft Paper Primed

This finish uses a lipped GDC core with a 0.4mm Kraft paper layer bonded to its surface. The application is applied ‘over lip’ to eliminate cracking. Glazing beads are factory primed to match. This finish offers a durable low-cost door leaf which can be decorated on site.

Factory Double Primed

Generally used on a minimum door thickness of 44mm, TDSL offers a superior and durable undercoat finish to the doorsets where a finishing coat is to be applied on site. Using a 38mm core, 3mm MDF sub-faces are applied over the hardwood lipping. The whole leaf including the glazing bead is then double primed for a single top coat to be applied on site.

Full Paint

Our fully factory painted offer follows the same make up as the double primed product. However, we apply the finished top coat in the factory in line as per project specification. This option offers a far superior finish to site painting and speeds up installation and handover of the doorset on site. Care must be taken not to damage the surface finish whilst in storage or during installation. We offer a vast range of RAL/BS colour options and various gloss levels to suit each individual client’s specification.
Veneers

Veneers, along with all our timber products are sourced ethically. We offer a wide range of veneers including some exotic species and these, in turn, can be cut to suit the project requirements (for example, crown or quarter cut). Our standard veneer thickness is 0.6mm. Lipping and glazing beads generally match the door face veneer and are veneered over lip as standard unless otherwise instructed. The door leaf is finished in a 3 coat UV lacquer line which provides a constant high class and durable final finish.

Exotic veneers are available on request

- **Sapele Veneer**
- **Ash Veneer**
- **Steamed Beech Veneer**
- **Koto Veneer**
- **Cherry Veneer**
- **Maple Veneer**
- **White Oak Veneer**
- **Black Walnut Veneer**

- **Crown Cut** - The log is sliced along its length, resulting in a figured appearance. This generally produces a veneer with a central area of strong figurative grain.
- **Quarter Cut** - The log is cut along its length to form four separate quarter logs. These are then sliced at 90 degrees to the growth rings to provide a veneer with a relatively uniform linear vertical grain.
Laminate and PVC faced

Our (HPL) laminate faced doors are hard-wearing, stain-resistant and can be supplied up to FD120 fire rating. These doors are generally used in high traffic areas. We supply from a vast range of plain or woodgrain laminate suppliers all of whom are accredited in line with our own products. Laminate thicknesses can vary to suit the project but will be a minimum of 1.2mm in thickness. Lipping can be exposed or can be supplied with the laminate over the lipping, including partial lipping where we chamfer back the edge of the laminate to protect its leading edge from damage during its life cycle. For wet areas and areas where there is likely to be heavy impact to the door, we can offer PVC faced doors. The facing would generally be 2mm thick with a matching finished lip detail. The maximum fire rating for the PVC door offer is FD90
Vision Panels

All glazed doors are generally factory glazed to ensure the certification and specified performance of our doorsets are met incorporating the correct glass for the fire requirement and vision panel type. The vision panel bead design is generally a bolection type bead in fire applications although flush beads can be provided (as shown). DocM indicates vision panels that comply with the UK Document M standard requiring a zone of visibility between 500mm and 1500mm from the floor. The visibility Exotic veneers are available on request.

Non-standard vision panels

Glazing has a major impact on the fire performance of a doorset. We can produce bespoke sizes of vision panels, but there may be limitations depending on our certification. Our technical team should be consulted in this regard.

Standard Glazing Beads

Our standard vision panels can be fire rated in association with the standard bead details shown below. These include a hardware bolection bead, flush bead and steel trim option. All provide FD60 rating. Hardwood beads can be finished to match the door facing and are generally pin fixed, punched and filled. Screw fixing can be accommodated as well. Steel trims can be painted to a standard BS / RAL color.
### Frame Options

Frames can be supplied in a variety of materials including, moisture resistant MDF in either primed or painted finish, softwood in primed, painted or lacquered finish, hardwood in primed painted or lacquered finish or engineered MDF frames with hardwood edges and a veneer or PVC facing.

**Fixed rebate frame:** A sturdy single piece frame with either single or double rebate. Once fixed on site, the frame will need to be pelleted and repaired to conceal the fixings to match the final finish. This frame can be offered with an extension lining for wide partitions.

**Loose stop frame:** A 2-part frame consisting of a flat main frame supplied with a loose stop to be fixed on site. The frame fixings can be concealed under the stop. Once pinned in the stop, it can be simply waxed to hide the pins. This frame can be offered with an extension lining for wide partitions.

**Wrap around frame:** A 3-part frame consisting of a 2-part wrap around frame and a stop. This frame does not use architraves and can be used to achieve a shadow gap effect. The stop will hide the frame fixing points and is waxed after pinning.

### Engineered Frame

**MDF veneered frame:** This is a moisture-resistant MDF frame with hardwood edges for durability and a veneer lacquered outer face with a loose hardwood stop. These frames look and perform like solid hardwood frames but offer a lower cost solution.

**PVC Frames:** Moisture-resistant MDF or hardwood frames depending on the fire rating wrapped in 2mm PVC. These frames come with PVC covered architraves and stops and can be in loose stop or wrap around configuration.

**Steel frames:** Traditionally used in security and industrial situations, but suitable for all applications. Available in a range of sizes. Can be supplied as a single rebated frame or split adjustable wrap around variant with integrated architrave. This product is available to cater for varying partition thicknesses and improved finishing aesthetics.
Perimeter Seals

Designed to fit into a recess in the frame, the perimeter seal provides protection against cold smoke ingress and its correct specifications. Installation is critical in providing the enhanced acoustic properties of the doorsets.

- Located in head and jambs of single and double doors
- Friction fit into 3mm recess
- Min/Max gap size 3 - 4mm
- Dual air pocket technology to increase acoustic performance
- BS 476 Pt31 and BS EN 1634-3 and UL 10C smoke seal compliant
- Service life tested to 1 million cycles
- Ultra-soft blades to minimize opening/closing forces to optimize compliance with Approved Document M of The Building Regulations
- Stock colours: Black, Brown, White, Grey
- Seals are supplied loose for site fixing

Intumescent seal with twin blade perimeter seal

Architraves

Architraves can be supplied in either softwood primed or MDF paper wrapped.

* for site painting or factory finished hardwood to match the frame.
* Only available in sizes 45x15mm and 69x15mm.
**Factory Installed Ironmongery for Doorsets**

**TDSL** provides a fully coordinated suite of Ironmongery products including items that are factory fitted and are an integral part of the performance of the doorset. Separate surface fixed ironmongery can be supplied door bagged or in bulk to provide a fully integrated door set and Ironmongery package. Numerous designs and finishes are available from classic to contemporary to innovative, with matching ancillary products to accommodate all architectural trends and performance requirements.
As experienced manufacturers of high-performance doors, TDSL is fully equipped to offer specific solutions for Health, Education, Commercial, Residential and Leisure projects. We have the capability to specify, quote, schedule, manufacture and certify doorsets and hardware package solutions that are fully compliant and fit for purpose.

With a wide range of door finishes and colours available, our offered doorsets meet the performance, safety and compliance guidelines for project and market sectors. Innovative colour schemes can be delivered including leaf graphics offering contemporary designs to the specifier and end user.

TDSL takes a collaborative approach to working with our clients to ensure design and performance requirements of the project are met whilst still complying with the relevant local area building regulations and certification requirements.
Delivery Logistics

Our door to door service promise

Buying products from TDSL is easy. Place an order with us including all the relevant manufacturing details you require and within 4-10 weeks, the product will arrive at your specified delivery address. There is no need to worry about arranging shipping, customs clearance, duties, documents and transportation, for we will arrange it all and this service is included in the quoted price.

Our standard lead time from order to supply to our India customers is 5 weeks and 6 weeks to Middle East. Delivery to Gulf region will be 6 weeks and one week for clearance. For UK customers, our average lead time is 9 weeks.

The product is shipped in either 20’ or 40’ high cube shipping containers. The internal dimensions of a 40’ container are:

- Length 12.051 m (39’ 6")
- Width 2.340m (7’ 8”)
- Height 2.380m (7’ 9Y”)

A loading dock or container ramp is required for unloading.

Typically, a full 40’ container will hold 400 door leaves packed on 20 pallets with 20 leaves per pallet. All doors are individually packed in a plastic sleeve, labelled, then banded to the pallet with top and edge protection. If doors are glazed, the packing specification reduces to 16 leaves per pallet with 5mm bearers between leaves to protect the glazing beads. For full doorsets, 280 sets will fit into a 40’ container, including 14 pallets of 20 leaves with 6 pallets of frames. The frames can be supplied as numbered knocked down frames wrapped as a complete set with all stops and architraves (or as frame jamb and head together) or stops and architrave on separate pallets. When ironmongery is ordered we prefer to fit all morticed components in the factory to the leaves and frames. Surface mounted items will be supplied in bulk on a separate pallet.
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