



**DOORS**



**FIRE RETARDANT  
DOORS**

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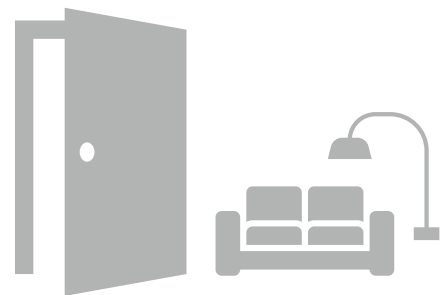
# WHY DURIAN DOORS

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Durian has been a leading interior service provider with a wide range of products, distinctive styles, dedicated design and research team. We have always believed in evolving with the changing choices of our customers and embracing innovation. Our Manufacturing has expanded to include an extensive range of doors that can be customized to suit our specific requirements. Trusted by Millions of customers, we provide unique design and high quality doors that ensures long lasting security & durability.

## ONE OF INDIA'S LEADING EXTERIOR AND INTERIOR SOLUTIONS PROVIDER

Durian is one of India's leading providers of interior and exterior surface solutions with over 4 decades of experience in the industry. At Durian, we believe that innovation, passion and experience go hand in hand.



## A COMPLETE ONE STOP SOLUTION FOR ALL YOUR INTERIORS

Durians strengths come from its offerings in products and services, efficiencies in manufacturing, distribution network, brand equity and above all a young and motivated team of professionals.

## 9+ MANUFACTURING UNITS 14 COUNTRIES WE EXPORT TO

We operate 9+ manufacturing units with our products being distributed locally and exported to over 14 countries globally.



## 4 DECADES OF EXPERTISE & KNOWLEDGE OVER 1 MILLION DURIAN DOORS INSTALLED ACROSS INDIA

From veneer to plywood, home to office furniture, modular furniture to projects, doors, door frames and workspace solutions, we bring over 4 decades of knowledge and expertise in crafting your everyday spaces.

# IPIRTI CERTIFIED



**काष्ठ कम्पोजिट जाँच एवं मूल्यांकन केन्द्र**  
**Center for Testing And Evaluation of Wood Composites**  
 भारतीय प्लाईवुड उद्योग अनुसंधान और प्रशिक्षण संस्थान  
**INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE**  
 (भारत सरकार, पर्यावरण एवं वन मंत्रालय का स्वायत्त निकाय)  
 (Autonomous Body of the Ministry of Environment & Forests, Government of India)  
 प्लॉट नं. 2273, तुमकूर रोड, बंगलूर - 560 022  
 P.B.No. 2273, HMT Link Road, Off Tumkur Road, Yeshwanthpur, Bangalore - 560 022  
 Ph. No. 080-30534000-04-21, Fax. No. 080-28396361  
 Email : samplecell@ipirti.gov.in, Website : www.ipirti.gov.in

REPORT NO: CENTEC/CP/47/TT/2016      DATE: 11.08.2017

**TEST REPORT**  
**Confidential**

**A fire resistance test performed on single door**  
**Test conducted in accordance with BS 476: Part 22: 1987**  
**Test Date: 30.06.2017**

**Client: M/s. MAPLE MOULDINGS (P) LTD.,**  
**MSSIDC's Plot No.24, Wood Based Industrial Complex,**  
**At & Tal. WADA, District Palghar, Maharashtra - 421303.**

**Sample description: FIRE RATED DOOR (Shutter + Frame)**  
**Size: 2145 x 930 x 55 mm, Shutter - 1 number**  
**Tested for fire rating of 120 Minutes as per BS 476 Part (20 & 22)**

This document is confidential and remains the property of IPIRTI, MOEFCC, Govt. of India. The legal validity of this report can only be claimed on the presentation of the complete report. All pages of original copies of this document are embossed with the IPIRTI name and logo.

*[Signature]*  
**Director**

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**TEST REPORT**

Report Issued to:  
 M/s. MAPLE MOULDINGS (P) LTD.,  
 MSSIDC's Plot No.24,  
 Wood Based Industrial Complex,  
 At & Tal. WADA, District Palghar,  
 Maharashtra - 421303.

**TEST REPORT AS PER BS-476: Part-22: 1987 [WITH AMENDMENT NO(s) Nil]**

REPORT NO: CENTEC/CP/47/TT/2016      DATE: 11.08.2017  
 Your Ref: MoI      Ref. Date: 14.07.2016

Date(s) of performance of test: 30.06.2017

**PART - A: PARTICULARS OF THE SAMPLE SUBMITTED:**

(a) Nature of Sample : Fire Rated Door (Wooden Shutter + Wooden Frame)  
 (b) Grade/Variety/Type/Class : --  
 (c) Size of Sample : 2145 x 930 x 55 mm  
 (d) Brand Name, if any : --  
 (e) Declared Values : --  
 (f) Code No. : --  
 (g) Batch No. & Date of Mfg. : --  
 (h) Quantity : 1 No.  
 (i) Mode of Packing : --  
 (j) Date of Receipt : --  
 (k) Seal / Stamp : --  
 (l) IO's Signature : --  
 (m) Any Other Information : --

*[Signature]*  
**Director**  
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REPORT NO: CENTEC/CP/47/TT/2016      DATE: 11.08.2017

**PART - B: SUPPLEMENTARY INFORMATIONS:**

(a) Reference to the sampling procedure, wherever applicable : N.A.

(b) Supporting documents for the measurement taken and results derived like graphs, tables, sketches and/or photographs as appropriate to the test report if any (To be attached) : Attached

(c) Deviations from test methods as prescribed in relevant ISS/Work Instructions, if any : N.A.

*[Signature]*  
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**V. TIMES OF FAILURE**

Door was tested in accordance with IS 3614 and BS 476-Part 22:1987. Determination of fire resistance of fully insulated door and shutter assemblies.

Door	
Integrity	Failure of Integrity was noticed at 93 minutes
Insulation	Failure of insulation was noticed at 93 minutes

**Sample conforms to 92 minutes Fire Rating.**

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# FIRE RETARDANT DOORS:

A Fire Door is a door with fire resistance rating used as part of a passive fire protection system to reduce the spread of fire or smoke between compartments and to enable safe egress from a building or structure.

The Fire Retardent Doors are manufactured as per the guidance laid down by IS 3614 & BS 476 part 2:1987 specifications.

The door inner frames and inner filler are made out of Imported wood which are Kiln seasoned and are chemically treated in such manner that it reduce flame to spread. We paste Non Combustible Ceramic Cloth (S.S) on each side to make the door solid and fire proof. Further we groove intumescent strip (smoke seal) all around the door edges, the purpose of intumescent strip (smoke seal) is to stop flame to come inside from outside & vice-versa.

Unextended phenol resin which is manufactured in-house and mixed with anti fungus and anti termite solutions is used for bonding the doors under controlled high temperature and pressure to ensure that the product is warp proof, fire proof and is protected from Borer attack.

The quality is checked at every stage of production starting from kiln seasoning, chemical treatment, Glue line Protection and controlled pressing in hot press to ensure that the Doors are dimensionally stable and are durable to match the erratic Indian Climatic Conditioned.

These doors, which are dimensionally stable fire proof, warp proof, borer proof and resistant to even termites are virtually maintenance free and last for years.

## SALIENT FEATURES

- High Strength, stiffness, impact resistance
- Protects from heat, smoke and flame
- IPIRIT Certified, Bangalore
- Safe against fire

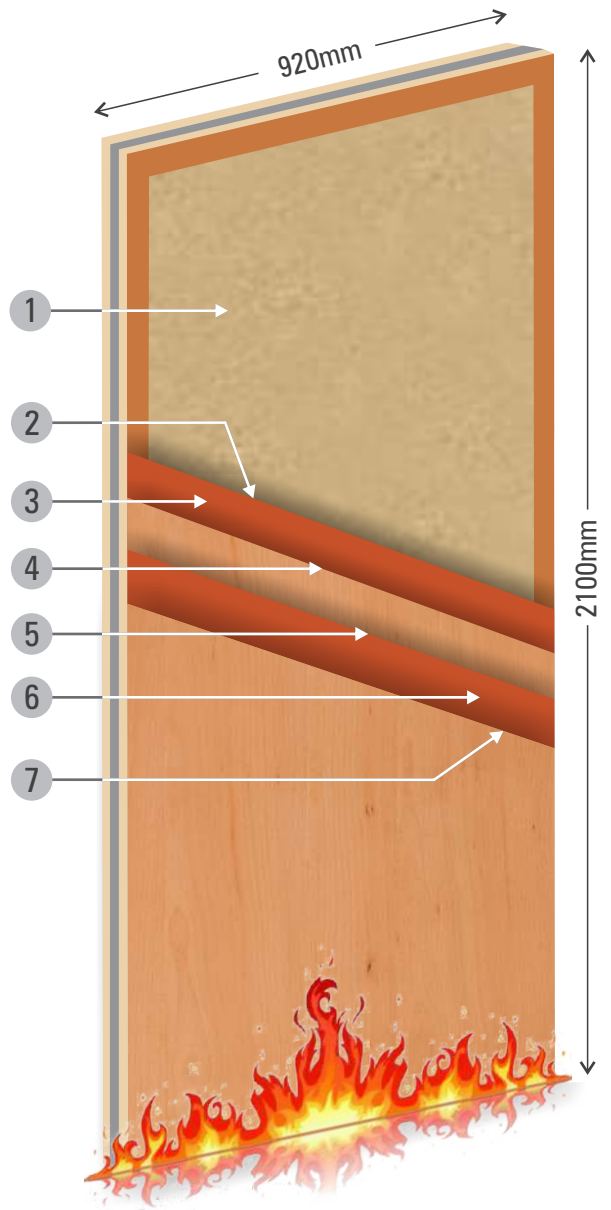
## USES

- Comercial Complexes
- Hospitals
- Restaurants
- Hotels
- Software Industry
- Airlines
- Infrastructure

# STANDARD FIRE RETARDANT DOOR CONSTRUCTION:

- 1 Pine Wood Filler
- 2 Cross Brand Core
- 3 Middle Ceramic Cloth (Sandwich)
- 4 Back Side Surface Core
- 5 Cross Brand Core
- 6 Middle Ceramic Cloth (Sandwich)
- 7 Top Surface Core

Note:- We cannot make it from engineered board



# AVAILABLE THICKNESS

- Thickness Available on request : 45 mm, 50 mm

# TECHNICAL SPECIFICATIONS

## FRAME:

- All frames are made of Virgin Pinewood
- Seasoned Frame
- Frames made from Single Piece wood

## FILLER:

- Imported Pine Wood

All wood is fully seasoned through Kiln Chamber to avoid warping & bending

## CORE:

- Treated hard wood core

## FACE:

- Gurjan

## FINISHES

- Basic Fire Retardant Door
- Laminate Finish: We use fire retardant laminate  
Laminate Fire Retardant Certificate is from:-  
Central Institute of Plastics Engineering & Technology



Property	Standard	Results Obtained
Flammability	ASTM D 635	Self Extinguishing
Flammability (Vertical)	UL - 94	V .

- Veneer Finish

This door is constructed in such a way so that it can withstand severity of fire, for a specified time.

**FIRE RATING:** 45 Mins, 60 Mins, 90 Mins



# FIRE RETARDANT DOORS:



Fire Retardant Door



## OVERALL HEIGHT

Minimum Height of Door		Maximum Height of Door		Minimum Width of Door		Maximum Width of Door	
Inches	MM	Inches	MM	Inches	MM	Inches	MM
72	1829	96	2438	30	762	48	1219

# FIXING & SETUP GUIDELINE

## INSTALLATION GUIDELINES



- Doors cannot be cut on all the sides.
- Bottom of the door must be painted/polished before installation of the door is done.
- Hinges must be aligned before fitting the door, to avoid bending. It is recommended that you fix two hinges in the upper portion on the door with a gap of 6 inches from each other and by leaving a gap of 12 inches from the top, for the first hinges. The rest of the hinges should be placed equal distance in the rest of the door length.



- We will not be held liable for any of the damages due to the wind or any external forces.
- If the doors are trimmed in width or height from any side the manufacturing warranty shall be void and Durian shall not be responsible for the same.



- 3mm space between the frame and door must be provided on all sides of the door shutter. This is to accommodate minor movements of the door frames.

## STORAGE GUIDELINES

- Store flat on a level surface in a clean, dry, well-ventilated building. Protect from dirt, water and abuse. Allow air circulation. Cover the top door with a moisture barrier.
- Doors should not be subjected to abnormal or sudden variations in heat, dryness or humidity, and should not be exposed to direct sunlight. Recommended humidity and temperature are 25% - 55% RH and 50°F - 90°F (10°C - 32°C).



## WARNING

- Distortion, Warping, bowing and waviness, can appear as a result of incorrect topcoat (paints or stains), improper finishing techniques and/or finishing conditions. These are caused by but are not limited to incorrect topcoat, watered down paints, high humidity environments, excessive application of paints, and doors not being acclimated properly.



- Please read and understand the entire procedure before attempting to finish your doors. Be sure to follow the coating manufacturer's warnings and instructions on all product labels.
- Durian does not warrant any coating unless applied by Durian. Any damage caused by or resulting from the application of a stain or paint will void the door warranty. Durian gives warranty only for its product. If it is found that there is a manufacturing defect, Durian shall repair only for its product and will not be responsible for any value addition what so ever.



- The decision of Durian Technical team in determining whether a defect is a manufacturing defect or an application defect will be treated as final.



# OUR CLIENTS

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## GOVERNMENT SECTOR:

- AMDAVAD MUNICIPAL CORPORATION
- BHARAT HEAVY ELECTRICALS PVT LTD.
- BHARAT ELECTRONICS LTD.
- BOMBAY DOCKYARD - NAVAL DOCKYARD
- CENTRAL LABOUR INSTITUTE
- CENTRAL PUBLIC WORKS DEPARTMENT BOARD OF INDIA
- EXPORT CREDIT GUARANTEE CORPORATION OF INDIA
- EMPLOYEES PROVIDENT FUND ORGANIZATION
- GAIL (INDIA) LIMITED
- INDIAN OIL CORPORATION LTD.
- IIT - INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
- MAHANAGAR TELEPHONE NIGAM LTD.
- MAZAGAON DOCK SHIPBUILDERS LTD.
- MINISTRY OF RAILWAYS
- NATIONAL REMOTE SENSING CENTRE
- NATIONAL BUILDINGS CONSTRUCTIONS CORPORATION LTD.
- NUCLEAR POWER CORPORATION OF INDIA LTD.
- OIL & NATURAL GAS CORPORATION LTD.
- ONGC MANGALORE PETROCHEMICALS LTD.
- POWER GRID CORPORATION OF INDIA LTD.
- ROADS & BUILDING DEPARTMENT - GUJRAT
- RTI - RIGHT TO INFORMATION
- STEEL AUTHORITY OF INDIA - SAIL
- SHIPPING CORPORATION OF INDIA
- WESTERN RAILWAY

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## HEALTHCARE:

- LILAVATI HOSPITAL & RESEARCH CENTRE
- MANIPAL HOSPITALS
- RAJIV GANDHI SUPER SPECIALITY HOSPITAL
- SEVEN HILLS HOSPITAL
- TATA MEMORIAL CENTRE

## HOSPITALITY:

- GRAND HYATT
- MARINA HOTEL
- SHELL INN INTERNATIONAL LTD.
- TAJ INTERNATIONAL
- TOLLYGUNGE CLUB
- VIVANTA BY TAJ
- WADHWANI HOTEL

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## INFRASTRUCTURE:

- IVRCL INFRASTRUCTURES & PROJECTS LTD.
- LANCO INFRASTRUCTURE LTD.
- MITTALS GROUP
- PETROFAC ENGINEERING INDIA PVT. LTD.

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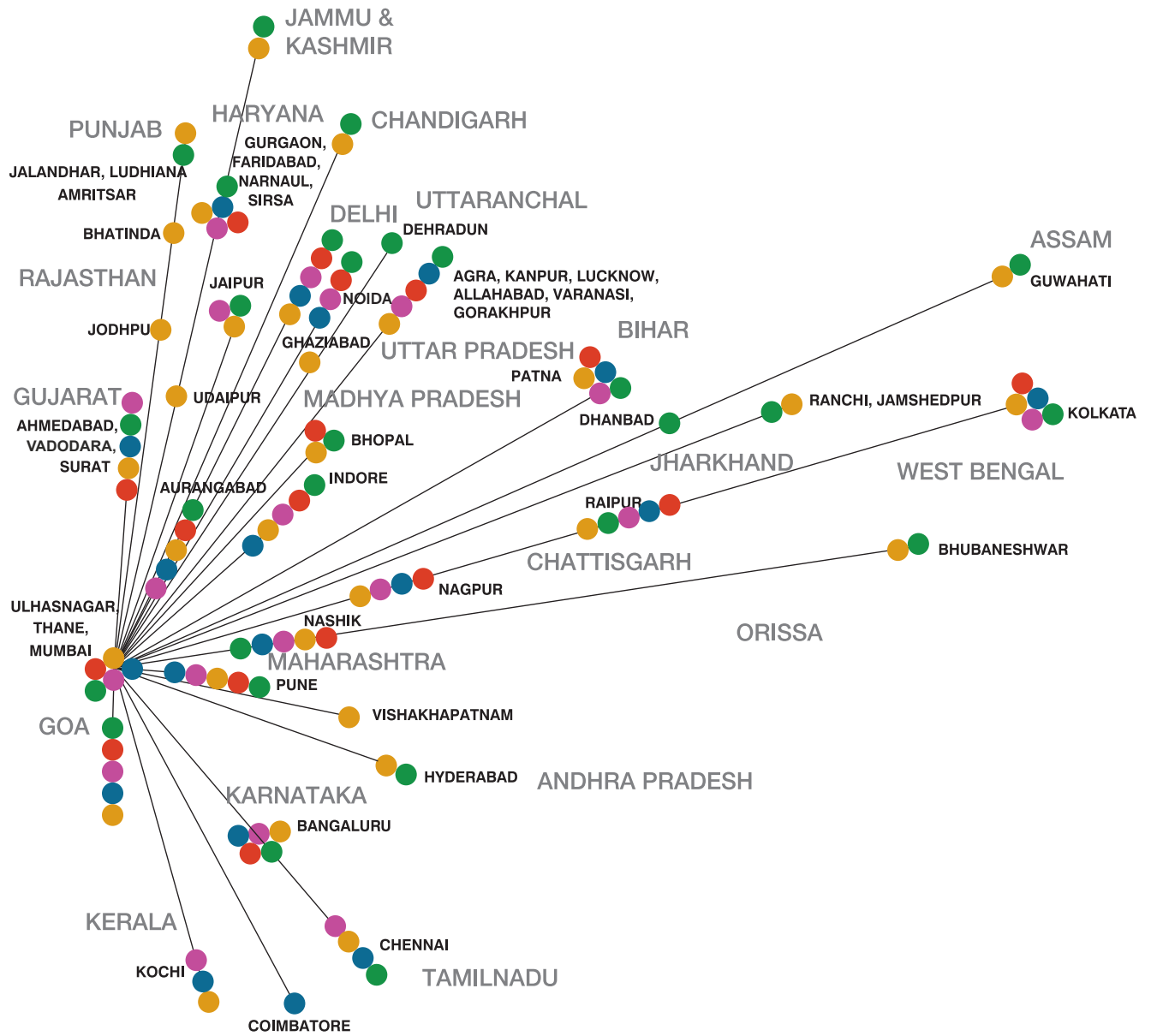
## REAL ESTATE:

- ACCURATE DEVELOPERS PVT LTD.
- ADANI TOWNSHIP & REAL ESTATE COMPANY PRIVATE LIMITED.
- ANTRIKSH DEVELOPERS PVT LTD
- A TO Z DEVELOPERS PVT LTD
- D.N. HOMES PRIVATE LIMITED
- GAURSONS INDIA LTD
- GODREJ SUMMIT BY GODREJ PROPERTIES
- GVK
- HIRANANDANI DEVELOPERS
- INDIABULLS REAL ESTATE
- LANDCRAFT DEVELOPERS PVT LTD.
- MAYFAIR HOUSING PVT LTD
- NEEDHI SHRI DEVELOPERS PVT LTD.
- NEEV INFRASTRUCTURE PVT LTD.
- NEPTUNE GROUP - PROJECT SWARAJYA
- PARAS GROUP
- PROVIDENT HOUSING LTD.
- RAJDEEP BUILDCON PVT LTD.
- RAMKY INFRASTRUCTURE LTD.
- RAMPRASTHA GROUP
- SAI SRI CONSTRUCTIONS PVT.LTD.
- SARLA HOLDINGS PVT LTD.
- SHREE ENERGY DEVELOPERS PVT.LTD.
- SHAPOORJI PALLONJI & CO. LTD.
- SKA REALTECH PVT. LTD.
- SVP INDIA LTD.
- TATA REALTY & INFRASTRUCTURE LTD : (TRIF KOCHI PROJECTS PVT LTD).
- TDI INFRASTRUCTURE LTD.
- THARWANI REALTY
- TRIDENT REALTY
- UMANG REALTECH PVT LTD.
- WAVE INFRASTRUCTURE PVT LTD.
- VADAN INTERIORS PVT LTD.

## OTHERS:

- 91SPRINGBOARD
- ABSOLUTE INTERIORS
- AMBUJA CEMENT LTD.
- U.S CONSULATE
- BINANI INDUSTRIES LTD.
- BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE (BITS)
- DSP DESIGN ASSOCIATES PVT.LTD.
- DSP DESIGN ASSOCIATES PVT.LTD.
- COLGATE PALMOLIVE
- CONTINENTAL INDIA PVT LTD.
- FUTURE GROUP
- HALMA INDIA PVT LTD.
- HOME SOLUTION RETAIL (I) LTD.
- HYDAC (INDIA) PVT LTD.
- INDIAN INSTITUTE OF MANAGEMENT, UDAIPUR
- IRCON INTERNATIONAL LTD.
- ISKCON
- JOTUN PAINTS
- LANCO INFRASTRUCTURE LTD.
- MAFATLAL GROUP - MAFATLAL INDUSTRIES LTD.
- MAHINDRA & MAHINDRA LTD.
- MAKE MY TRIP
- MANAGEMENT DEVELOPMENT INSTITUTE - MDI
- MATOSHRI VIDYAMANDIR
- MERU CABS
- MINDA CORPORATION LIMITED.
- MITSUI OSK LINES LTD.
- MITTAL PROCESSOR PVT LTD.
- NATIONAL MUSEUM OF INDIAN CINEMA
- NICHOLAS PIRAMAL INDIA LTD - PIRAMAL GROUP
- NTPC LTD.
- PANTALON RETAIL (INDIA) LTD.
- PDS MULTINATIONAL
- RAJASTHAN VIDYARTHI GRIHA EDUCATIONAL FOUNDATION
- RAJASTHANI SAMMELAN EDUCATION TRUST
- RAYMONDS LTD.
- RELIANCE CORPORATE IT PARK LTD.
- RELIANCE INDUSTRIES LTD
- S. OLIVER
- THE BOMBAY PRESIDENCY RADIO CLUB LIMITED.
- THE KHAITAN SCHOOL
- THOMSON PRESS (I) LIMITED
- TUPPERWARE
- UNESCO - UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
- UTI INFRASTRUCTURE TECHNOLOGY AND SERVICES LTD.
- WINDALS PRECISION PVT LTD

# OUR NETWORK



- LAMINATES
- PLYWOOD
- DOOR
- VENEER
- SHOWROOM

## DOOR RANGE:

- Flush Door
- Solid Moulded Panel Door
- Moulded Panel Door
- Solidwood Door
- Primer Door

## OTHER PRODUCT RANGE:

**PLYWOOD** | **VENEER** | **DOORS**

## AWARDS & RECOGNITION:



### Promising Brands

Acknowledged by The Economic Times as India's Most Promising Brand for 2019



### Power of trust

Awarded the Power of Trust by the TRA in 2018 for our dedicated efforts in building long term customer relationships



### CEO Insights

Recognised as one of the 25 most promising companies in 2018



### Power Brand of the Year

Chosen by the Indian Consumer as the Power Brand of India in 2011

## CERTIFICATIONS:



The mark of responsible forestry  
Ask for our FSC-certified products



ISO 14001



## DISCLAIMER:

Company's liability is limited to replacement / repair of its product only and no other cost will be reimbursed of whatsoever nature by us.



**DOORS**

**DURIAN INDUSTRIES LIMITED**

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W.E. Highway, Vile Parle (E), Mumbai - 400 057, India

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☎ 1800 22 3242

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