action TESA®
PANELS | FLOORING | DOORS

HDHMR DOOR

HIGH DENSITY HIGH MOISTURE RESISTANCE

new trend

ABOUT HDHMR DOOR

"HDHMR Door" is the latest avatar for **Door Industry.** This novel application will add wings to your Doors in both commercial and residential segment. Inheriting the desirable properties viz. strength, durability & innovative application "HDHMR Door" is the best available substitute of Flush Doors & Traditional Doors. Manufactured by using the finest and strongest wood fibres of eucalyptus hard wood and best quality glue made in-house enhances the desired product performance.

* For dimension please refer size Matrix

Thickness : 30mm & 32mm

* Refer Size Matrix


ANTIVIRO™
KILLS 99.99% VIRUS, BACTERIA & OTHER MICROBES

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* For dimension please refer size Matrix
Thickness : 30mm & 32mm

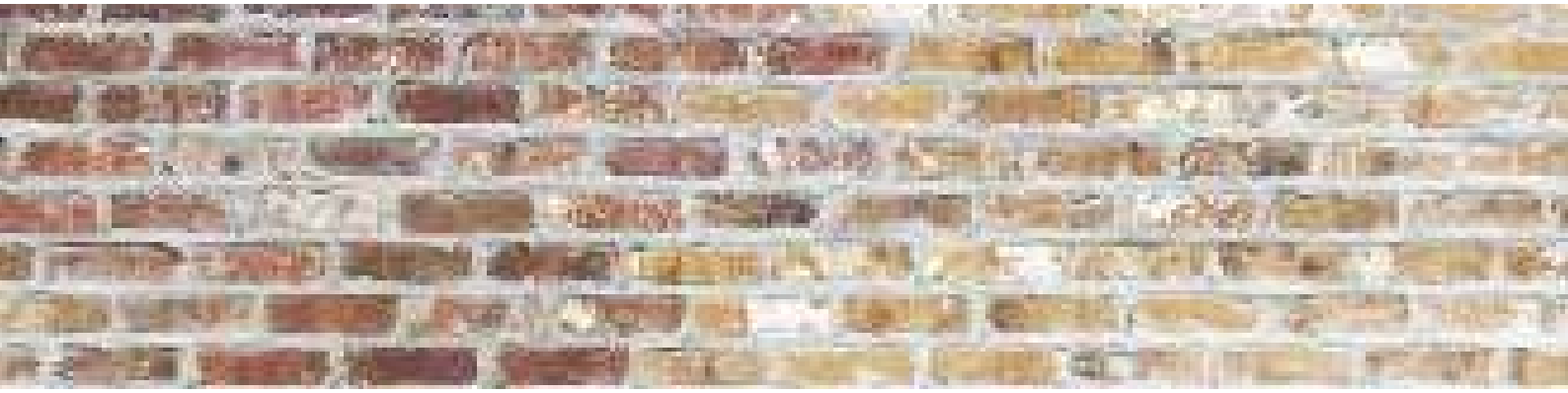
FM5 - 3341
CHOCOLATE ZEBRANO

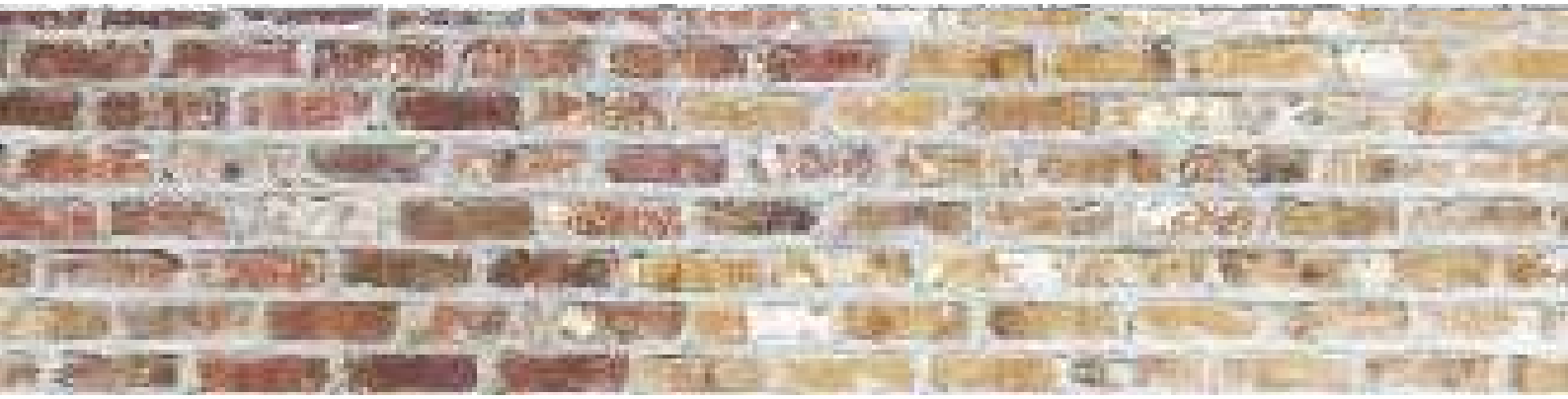
Also available in


Teak Gold
3091


Sapelli
3015


Straight Grained
Wenge - 3008





FM6 - 3008
STRAIGHT GRAINED WENGE

* For dimension please refer size Matrix
Thickness : 30mm & 32mm

Also available in


Teak Gold
3091


Sapelli
3015


Chocolate Zebrano
3341

PANELS | FLOORING | DOORS

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Thickness : 30mm & 32mm

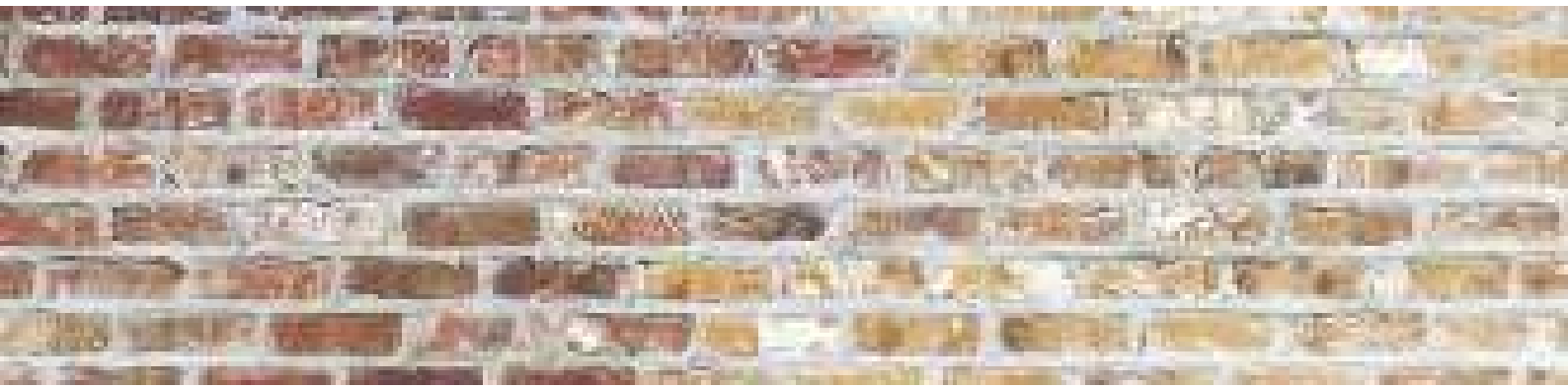
FM7 - 3008
STRAIGHT GRAINED WENGE

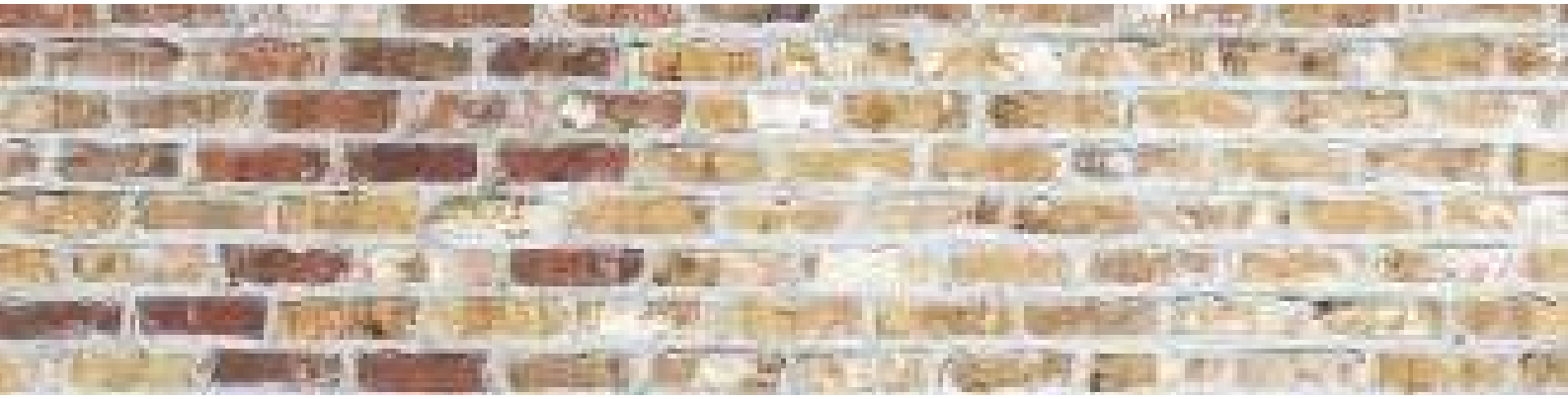
Also available in


Teak Gold
3091


Sapelli
3015


Chocolate Zebrano
3341





EXOTIC TEAK - 3365

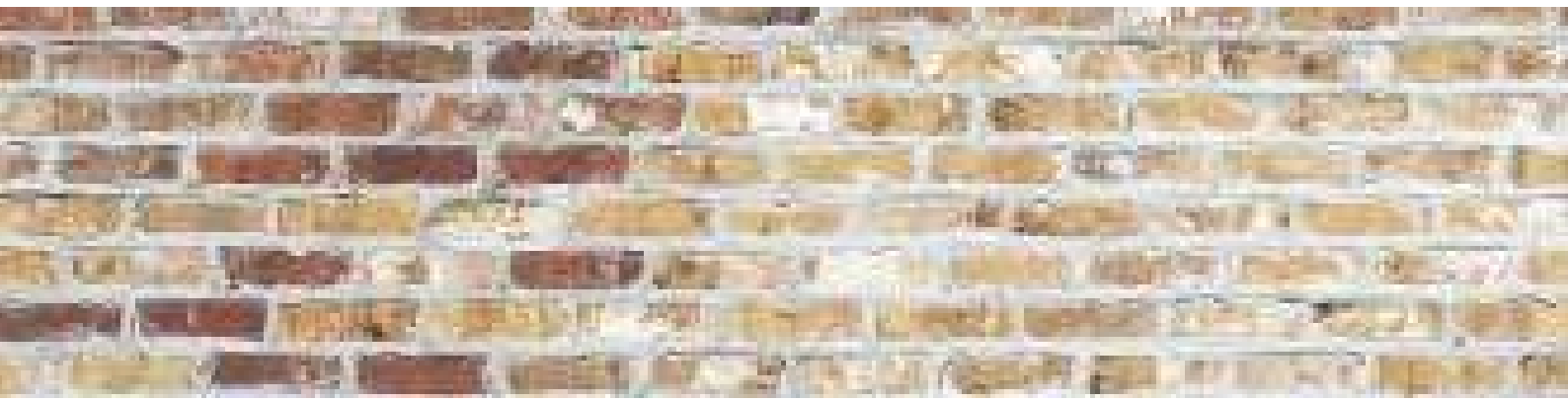
* For dimension please refer size Matrix

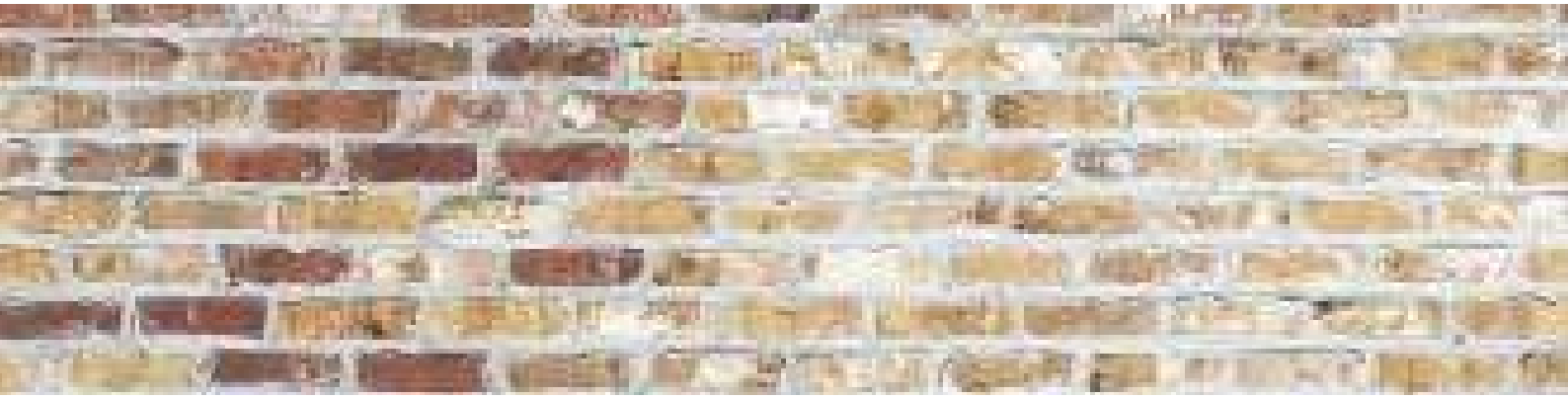
Thickness : 30mm & 32mm

PANELS | FLOORING | DOORS

FIBRE GREY - 3453

* For dimension please refer size Matrix
Thickness : 30mm & 32mm





STRAIGHT GRAINED WENGE - 3008

* For dimension please refer size Matrix

Thickness : 30mm & 32mm

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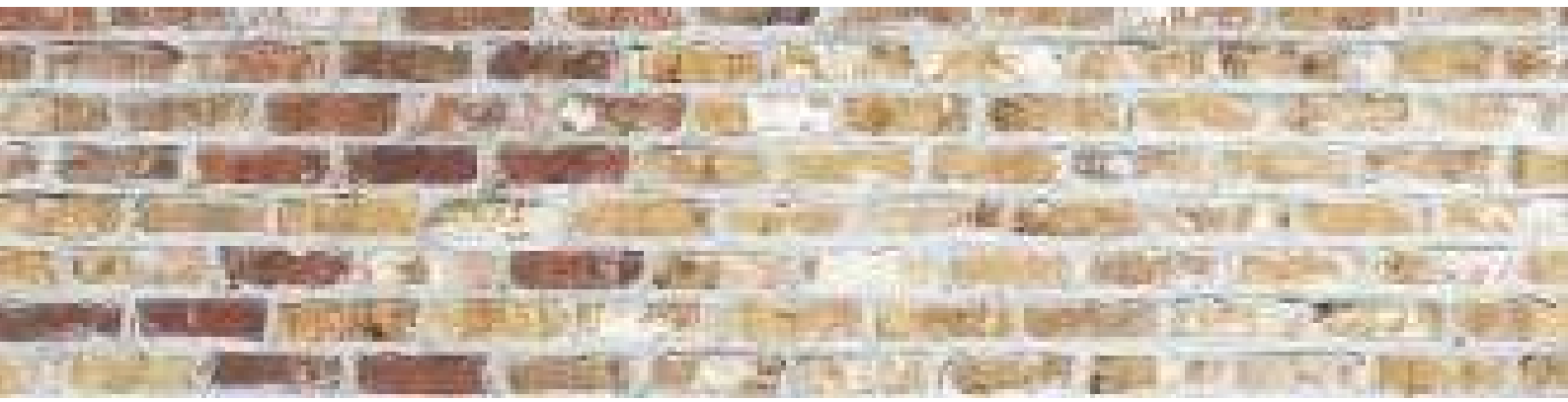
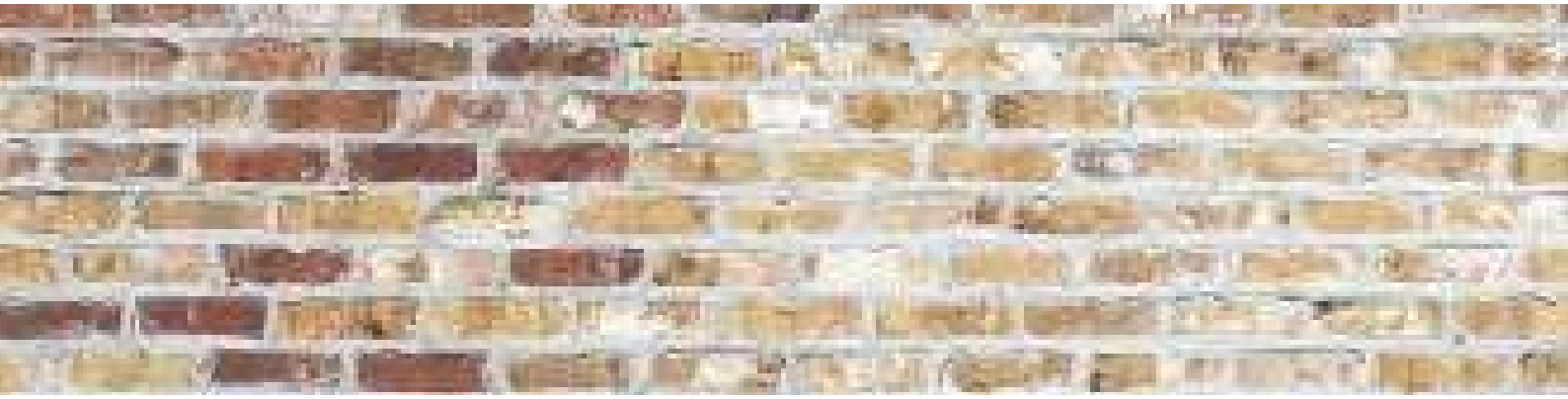
MAHOGANY - 3024

* For dimension please refer size Matrix
Thickness : 30mm & 32mm





FIBRE RUST - 3452

* For dimension please refer size Matrix
Thickness : 30mm & 32mm

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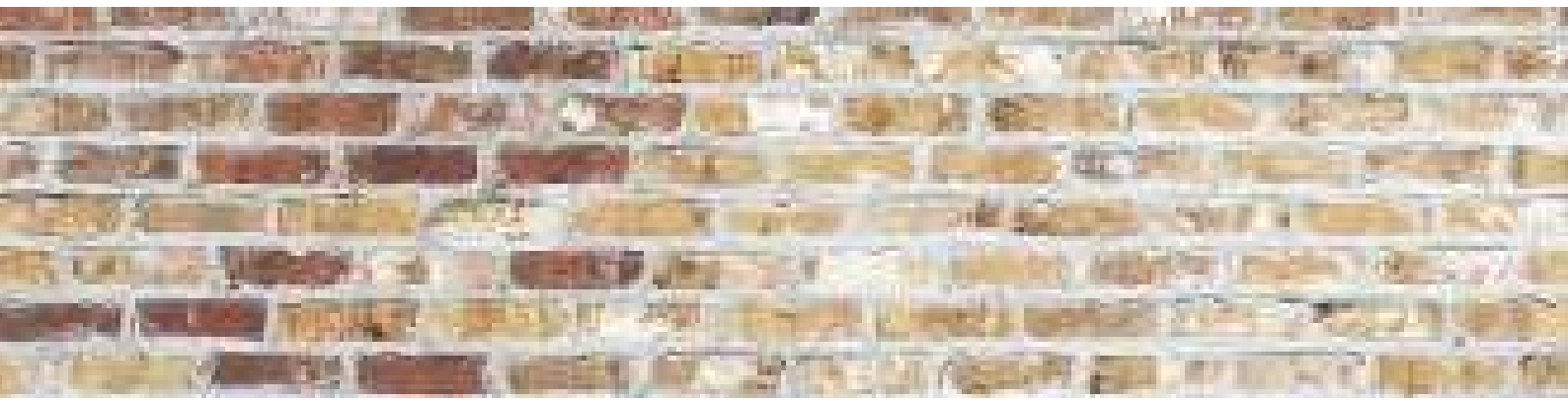
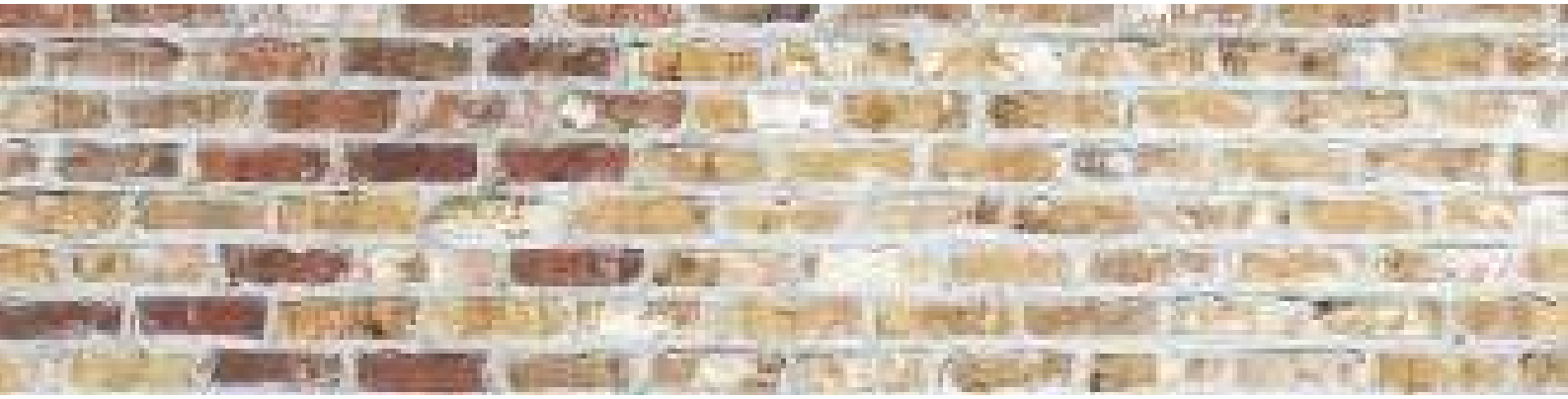
REAL WOOD - 3070

* For dimension please refer size Matrix
Thickness : 30mm & 32mm





TEAK GOLD - 3091

* For dimension please refer size Matrix

Thickness : 30mm & 32mm

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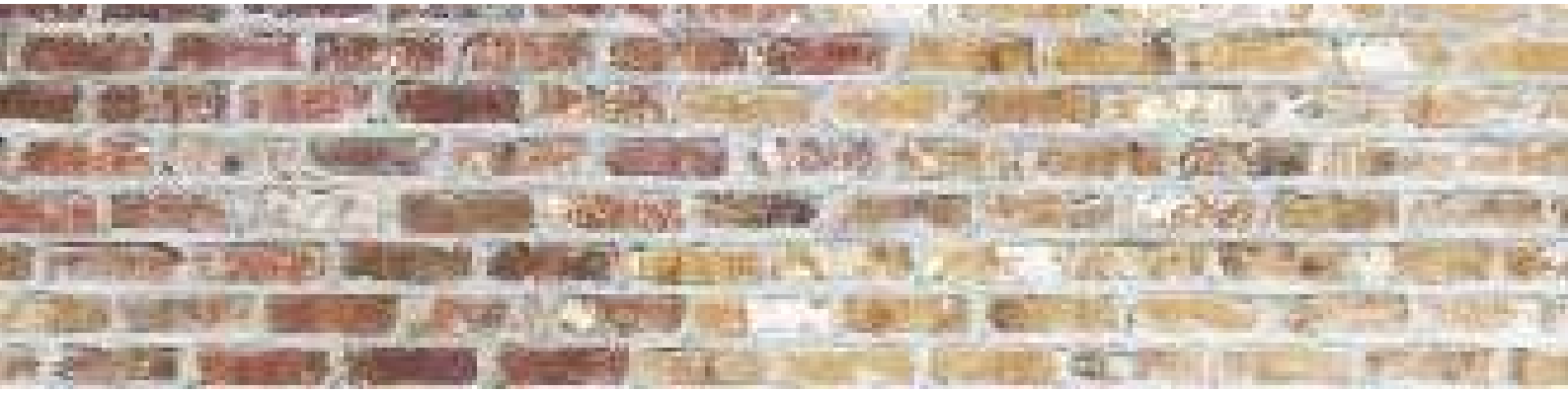
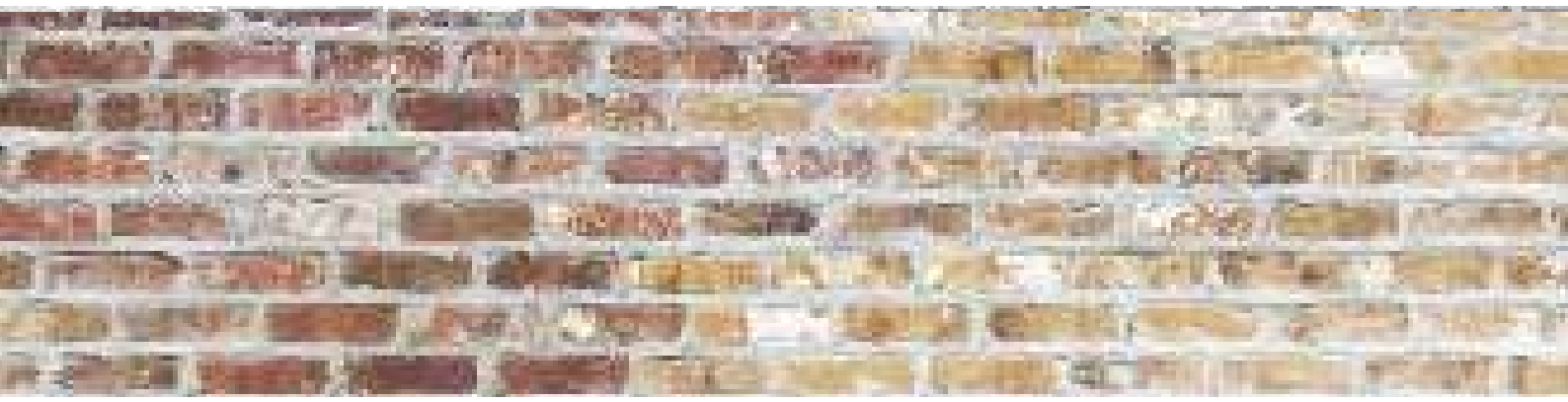
FIBRE GOLD - 3454

* For dimension please refer size Matrix

Thickness : 30mm & 32mm





OXFORD CHERRY - 3022

* For dimension please refer size Matrix

Thickness : 30mm & 32mm

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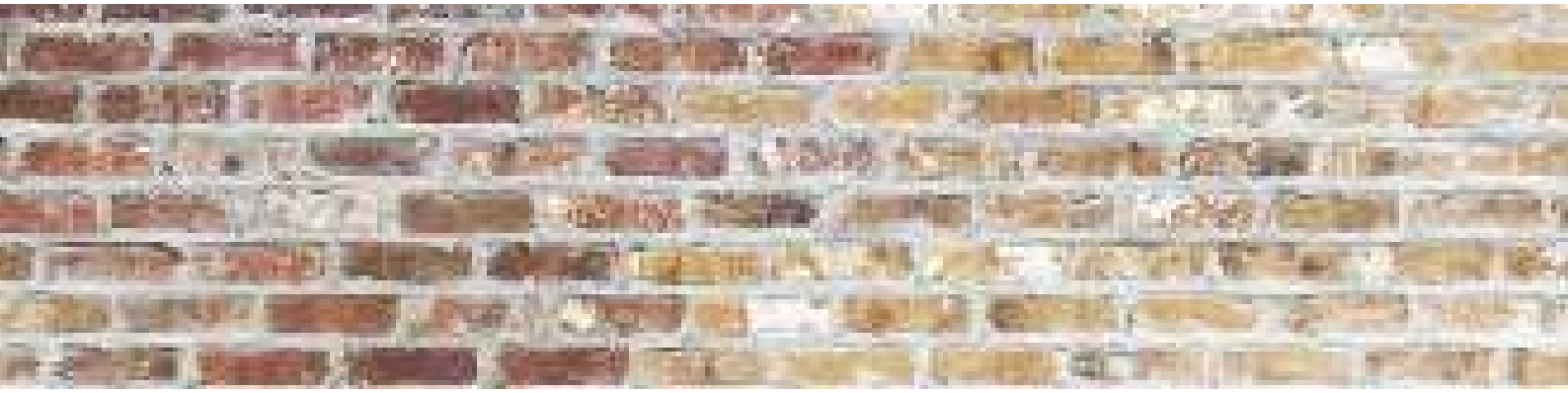
PERSIAN WALNUT - 3371

* For dimension please refer size Matrix
Thickness : 30mm & 32mm



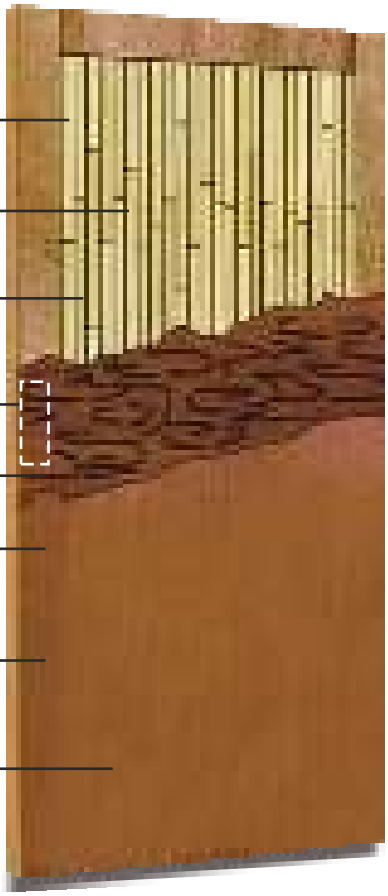
SAPELLI - 3015

* For dimension please refer size Matrix

Thickness : 30mm & 32mm

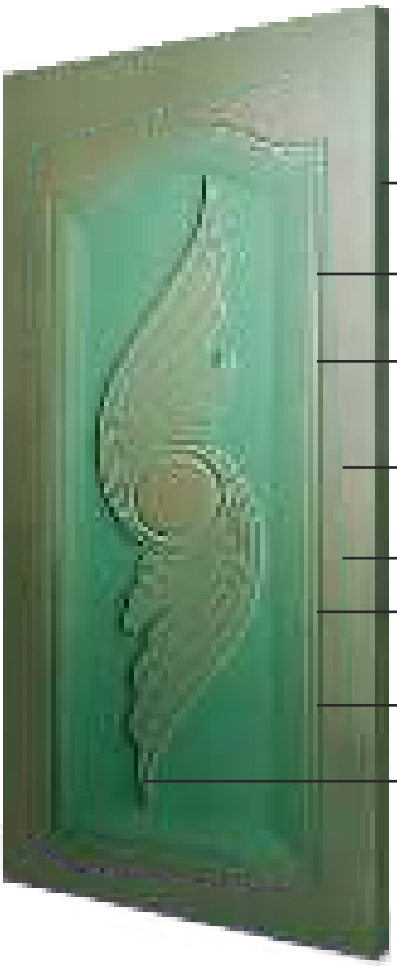
TESA PLAIN DOOR VS OTHER FLUSH DOOR

FLUSH DOOR



- LOCAL FILLER
- LOW SURFACE STRENGTH
- CUTTING LIMITATION
- PRE DEFINE LOCKING AREA
- TOP LAYER WEAR OFF OVER A PERIOD OF TIME
- WAVINESS DUE TO UNEVEN SURFACE
- SURFACE NOT SMOOTH AS PER PAINT AND POLISH REQUIREMENT
- ROUTING AND CNC DESIGN NOT POSSIBLE

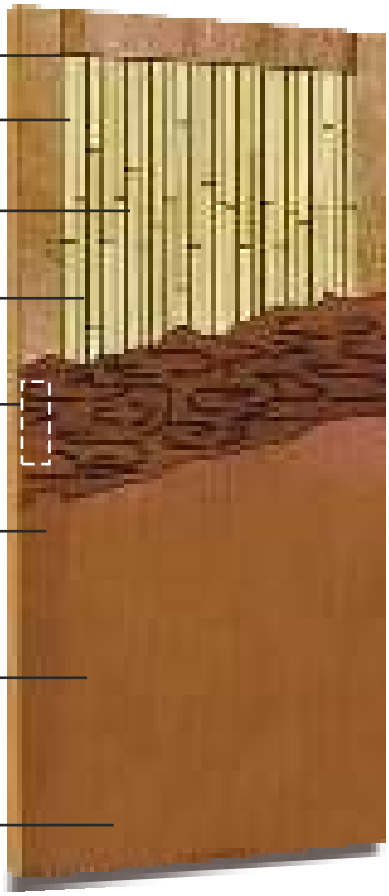
HDHMR DOOR



- SOLID SURFACE NO CORE GAP
- HIGHER STRENGTH ENSURES SAFETY
- CAN BE CUT IN ANY SIZE (HORIZONTAL & VERTICAL)
- EASY LOCKING SYSTEM AS PER REQUIREMENT
- NO WEAR OFF PROBLEM
- SMOOTH SURFACE ZERO BUBBLE PASTING
- IDEAL SURFACE FOR PAINT AND POLISH
- ROUTING AND CNC DESIGN AS PER YOUR CHOICE

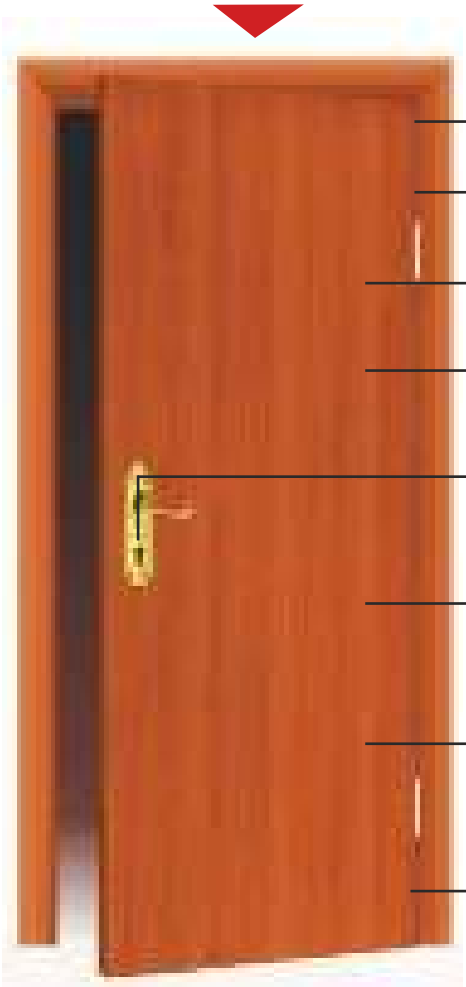
PRELAMINATED DOOR VS OTHER FLUSH DOOR

POST LAMINATED FLUSH DOOR



- TIME CONSUMING MANUAL PROCESS
- LOCAL FILLER
- LOW SURFACE STRENGTH
- CUTTING LIMITATION
- PRE DEFINE LOCKING AREA
- WAVINESS DUE TO UNEVEN SURFACE
- UNSTABLE DURING EXTREME CLIMATIC CONDITION
- HIGHLY COST EXPENSIVE

PRELAMINATED HDHMR DOOR

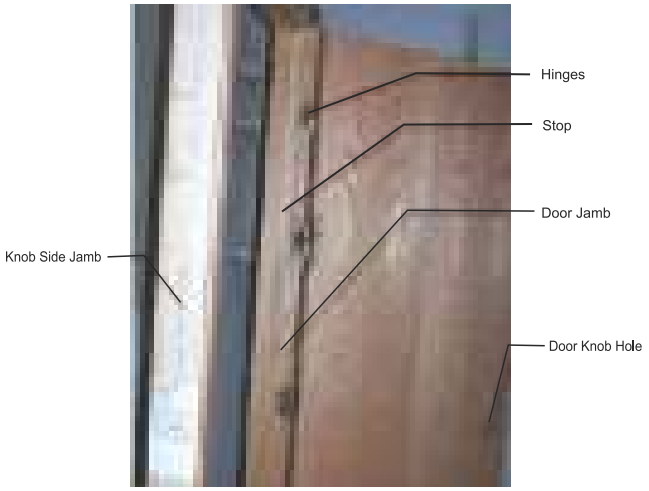


- READY TO USE DOORS
- SOLID STRUCTURE NO CORE GAP
- HIGHER STRENGTH ENSURES SAFETY
- CAN BE CUT IN ANY SIZE (HORIZONTAL & VERTICAL)
- EASY LOCKING SYSTEM AS PER REQUIREMENT
- SMOOTH SURFACE ZERO BUBBLE FINISH
- ALL SEASON PRODUCT & DIMENSIONALLY STABLE
- COST EFFECTIVE

DOOR CARE *instructions*

1. HDHMR Doors are produced and packed in an ideal climatic condition, it is recommended that before uses of these doors at consumer end, it must be unpacked and kept on a flat surface with uniform weight to stabilise these doors in local climatic condition for 2-3 days.

2. The minimum Door Frame (Jamb) should be 3"x4" and above for single leaf (single stop).



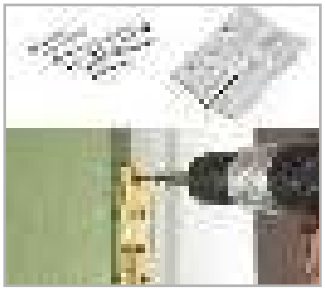
3. Door edges must be sealed properly to restrict door expansion with Edge Banding/Hardwood Lipping/Epoxy/ Acrylic/ PU sealing or painting

4. The final Door size (inclusive of edge banding tape/ lipping or any other seal) should be kept 5 mm smaller from the internal opening of door frame/ Jamb to withstand with climatic changes.

   Proper tools must be used for fixing of lock, handle, magic eye, door closer, door stopper, tower bolts etc.

5. It must be ensured that tower bolt and lock must be fixed simultaneously with fixing of hinges, and especially for under construction site care must be taken that the doors are not kept in open hanging position for longer period.

6. It is recommended to fix 4 number of 5 inch long butt hinge (12 to 14 gauge) for the door height up to 7 ft. height and 5 number of 5 inch long butt hinge for the door height above 7 ft.



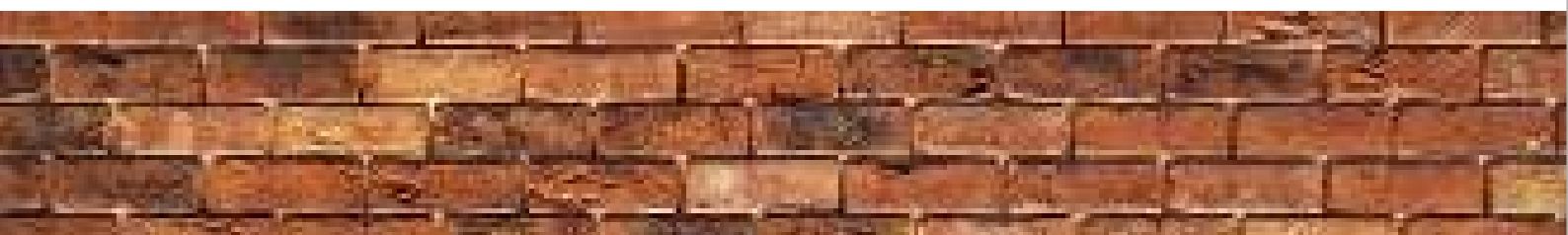
7. While fixing hinges on door Use counter sunk (CSK) chipboard screw of size 4x 50mm to be fixed with pre drilling of pilot bore of 2.5mm and 50mm depth. Screws must be tightened with proper screw driver with torque limiter to avoid over tightening of screws. Never hammer screws / nails on doors.

8. Hinge position for door up to 7 ft. – first hinge 150 mm from top, second 250 mm from first hinge, third centre of 2nd and 4th , 4th hinge- 150 mm from bottom edge

9. In case, Plain HDHMR Door is being used by customer, proper painting on both side surfaces at same time with epoxy/synthetic/PU/Deco paint or with sealer/primer/paint application.

10. In case, Pre-laminated door is being used by customer, No painting is required. Proper sealing must be done on edges as recommende.

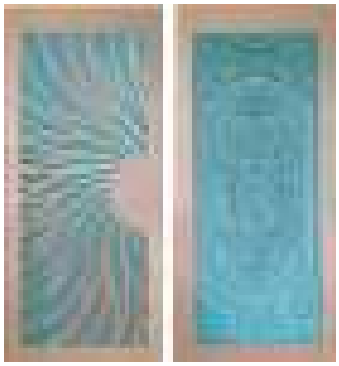
11. For Post Lamination at site, user should ensure



DOOR CARE *instructions*

lamination at both sides with same thickness HPL to avoid warpage

12. For Routing/carving/grooving application in door:



Maximum depth of routing should not exceed 8mm.

Routing must be done on both side/ or in case of single side routing, back side must be grooved with grid size of 5inch x 5 inch or below. The minimum width of such grooves to be 9 mm and depth 5 – 6 mm. (Single side routing results in development of stress from other side which will leads to warpage/ bend)

Sealer coat must be done immediately after routing on both sides

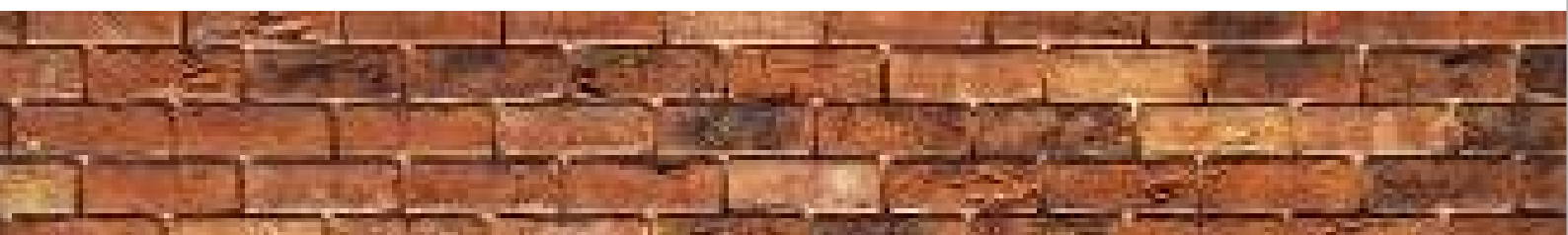
After routing the door must be kept horizontally on flat surface for 1-2 days before fixing on door frame.

Routing to be done leaving at least 125mm from all edges for door up to 3 ft. wide and for door with width above 3 ft. minimum 150 mm to leave, which is structural area in case of routed doors.

13. The HDHMR Door is a wooden product and should be handled, stored and installed properly to avoid warpage and chipping/damages.

14. The HDHMR Door is strictly for internal usage; do not expose these doors to direct sunlight or rain.

Note: Warping / twist/ buckling are within the norms of IS:2202- 1999. (The pre-condition stated all above should be strictly followed)



PRELAM DOOR ADVANTAGES

- Ready To Use Doors
- Solid Structure - No Core Gap
- Best Finishing, Unique And Rich Look
- Calibrated Panel With No Thickness Variation
- No Warping Problem
- All Season Product & Dimensionally Stable
- Cost Effective
- Zero Bubble Finish

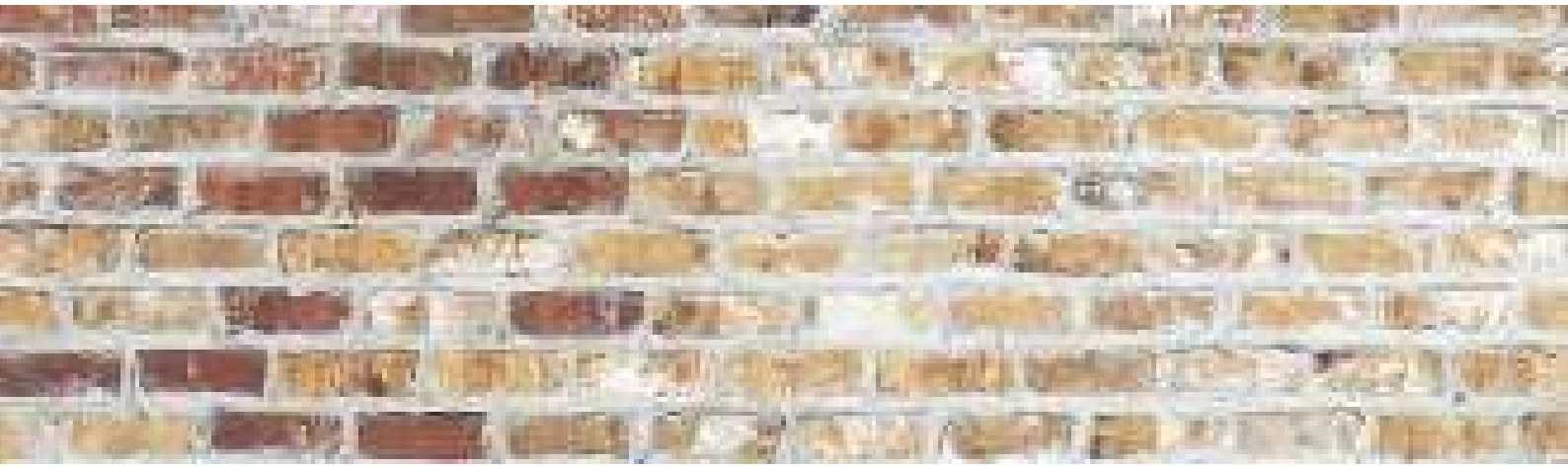
ANTIVIRO™

KILLS 99.99% VIRUS, BACTERIA & OTHER MICROBES

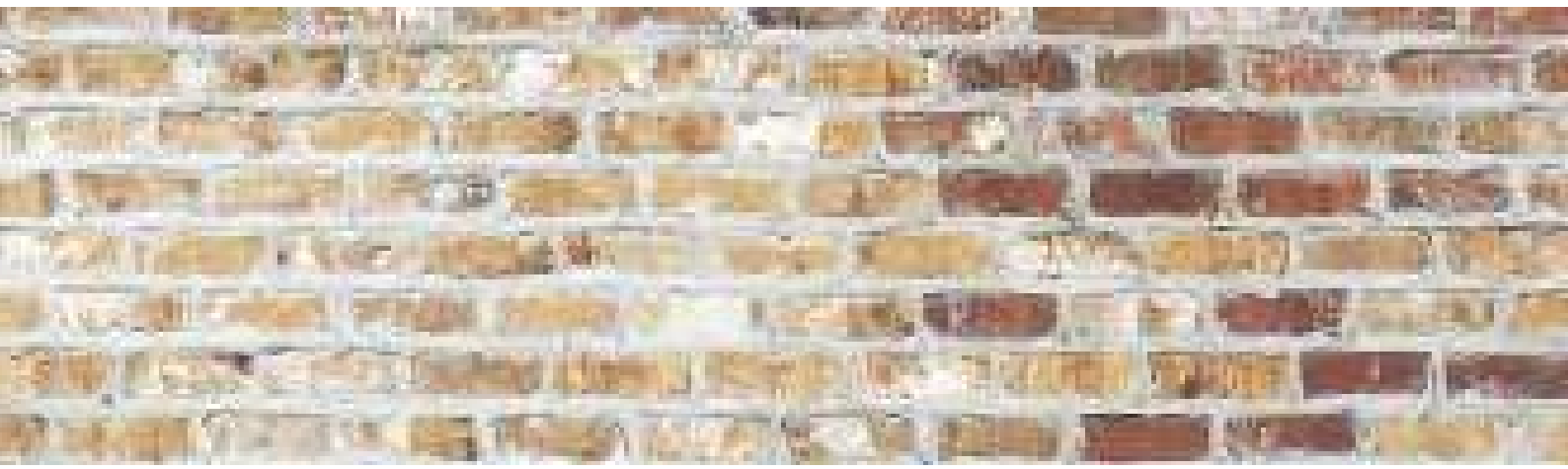
Hinges Recommended for upto 35mm Doors

Type	-	Steel Butt Hinges
Size	-	5 inch
Thickness	-	1.5 - 2.5mm (12 -14 gauge)
Screw Dimension	-	4mm x 50mm
Shape of Screw Head	-	Countersunk
Screwdriver Shape	-	Philips
7ft Door	-	4 pc of Hinges
8ft Door	-	5 pc of Hinges
Weight Loading capacity	-	50kg - 60kg each

Note: Before screwing, First make Pilot hole with drill 2.5mm bit
for Chipboard Screw CSK 4 x 50mm
Please make sure that screw should be properly fastened in all holes of hinges.



TESA PLAIN DOOR WITH CNC DESIGN



TESA PLAIN DOOR WITH CNC DESIGN

TESA DOOR ADVANTANGES

- HIGHER DENSITY
- TOUGHER THAN PLYWOOD
- NOMINAL COST
- HIGHLY WATER RESISTANCE
- HIGHER SCREW HOLDING STRENGTH IN CORE
- ZERO BUBBLE FINISH
- MULTIDIMENSIONAL BONDING TECHNOLOGY
- ENVIRONMENT FRIENDLY
- BIO degradable — Made from wood fiber
- TRUTH
- IDEAL ROUTABLE SUBSTRATE
- BORER RESISTANCE
- TERMITE RESISTANCE
- FUNGAL RESISTANCE
- NO SPLINTERS/ CHIPING

ANTIVIRO™
KILLS 99.99% VIRUS, BACTERIA & OTHER MICROBES

HDHMR 10 YEARS WARRANTY

HDHMR
Screw withdrawal strength (kg)

	Edge	Face
TESA HDHMR Board	>350	>450
Plywood	>200	>325

PLYWOOD	HDHMR
DENSITY around 650 - 750 Kg/m3	DENSITY More than 850 Kg/m3 resulting in better compactness and strength

action TESA®

PANELS | FLOORING | DOORS

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Manufactured & Marketed By :-

Balaji Action Buildwell Pvt. Ltd.

Regd. Office : G-11, Udhyog Nagar, Peeragarhi, New Rohtak Road, North West Delhi, Delhi - 110 041
Ph.: 011-41120000, 41120020
Plant : Plot No. C34, C34 (A) to (D) , C3, C6 (A) to (C),Eldeco SIDCUL Industrial Park, Sitarganj, Distt. Udham Singh Nagar, Uttarakhand - 262405

CUSTOMER CARE SERVICE: 1800 309 07 07
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Version 3 - Oct 2023