

# MDF LOUVERS



*Designer*  
Louvers

**GLO**  
SPICE UP YOUR SURFACES  
PANELS & PLANKS



# MDF LOUVERS

**MDF Louvers** are an eco-friendly alternative to traditional wood panels in interior design. They fit well into a minimalist, contemporary design style, and can be used in spaces such as Walls & Ceilings. It Helps to create a modern home office or as part of a modern restaurant design or as a feature in a boutique hotel design. The panels provide designers and homeowners with an elegant looking space which comes together easily. With such a wide range for applications in residential and commercial interior design, it is not surprising that MDF Louvers are Architect's favourite feature wall.

## TECHNICAL DETAILS

Thickness: **11 mm**

Size: **200 mm x 2440 mm**

Raw Material: **HMR Pink MDF**

## MDF LOUVERS





**7401**, Size: 200 mm x 2440 mm  
Weight: 3.1 kg.



**7402**, Size: 200 mm x 2440 mm  
Weight: 3.2 kg.



**7403**, Size: 200 mm x 2440 mm  
Weight: 2.7 kg.



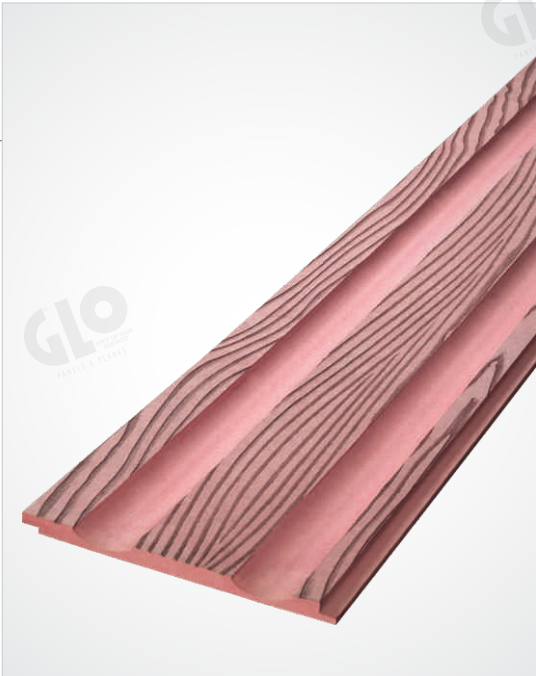
**7404**, Size: 200 mm x 2440 mm  
Weight: 3.3 kg.



**7405**, Size: 200 mm x 2440 mm  
Weight: 3.5 kg.



**7406**, Size: 200 mm x 2440 mm  
Weight: 3.5 kg.



**7407**, Size: 200 mm x 2440 mm  
Weight: 3.1 kg.



**7408**, Size: 200 mm x 2440 mm  
Weight: 3.2 kg.



## TECHNICAL SPECIFICATION

### HMR Pink MDF

Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m <sup>3</sup> )	800-900
ii	Variation from mean density, percent	#10
iii	Moisture content, percent	5-10
iv	Variation from mean moisture content percent(absolute)	#3
v	Water absorption percent, Max a) After 2 h soaking b) After 24 h soaking Up to and including 6mm thick 7 to 12 mm thick 13 to 19 mm thick	6 30 20 13
VI	Linear expansion (swelling in water) percent. Max a) Due to general absorption after 24h Soaking Thickness Length Length Width b) Due to surface absorption (in thickness) after 2 h soaking	4 0.3 0.3 4
VII	Modulus of rupture, N/mm <sup>2</sup> a) Up to 20mm thickness Average Minimum Individual b) Above 20 mm thickness : Average Minimum Individual	25 22 25 22
VIII	Modulus of elasticity N/mm <sup>2</sup> a) Up to 20mm thickness Average Minimum Individual b) Above 20 mm thickness : Average Minimum Individual	2800 2500 2500 2300
ix	Internal bond, N/mm <sup>2</sup> a) Up to 20mm thickness Average Minimum Individual b) Above 20 mm thickness : Average Minimum Individual	0.9 0.8 0.8 0.7
X	Internal bond, N/mm <sup>2</sup> a) After cyclic test 1 Average Minimum Individual b) After accelerated water resistance test 2) Average Minimum Individual	0.45 0.4 0.3 0.25
XI	Screw withdraw strength (Min), N a) Face b) Edge (for thickness > 5mm)	1500 1250

1) Cyclic test - Specimens are immersed in water at 27 #2° C for a period of 72h, followed by drying in air at 27 # 2 0 C for 24 h and then heating in dry air and 70. C for 72h. Three such cycles are to be followed, and then the specimens are tested for internal bond strength.

2) Accelerated water resistance test - Specimens are immersed in water at 27 # 2° C and water is brought to boiling and kept at boiling temperature for 2h. Specimens are then cooled in water to 27 # 2° C and then tested for internal strength.

**GLO** PANELS  
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