

MDF FLUTED — PANELS —

(Customize Design Available)



12mm (10'x4')



16.5mm (8'x4')



12mm (8'x4')



8mm (8'x4')

MDF FLUTED PANELS 10'X4'



GLO MDF Fluted Panels can be used to beautify all Interior walls and Ceilings in homes, offices, hotels, healthcare, education institutes, health clubs, recreation facilities. Made from HD-HMR Boards that are multi-dimensional bond with single layer glue architecture, hence it provide higher moisture resistance compared to normal MDF. Where normal MDF catches moisture and there layers start to peel off, HD-HMR Board will not losses its strength.

TECHNICAL DETAILS

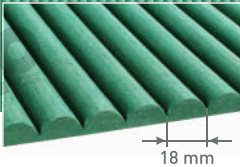
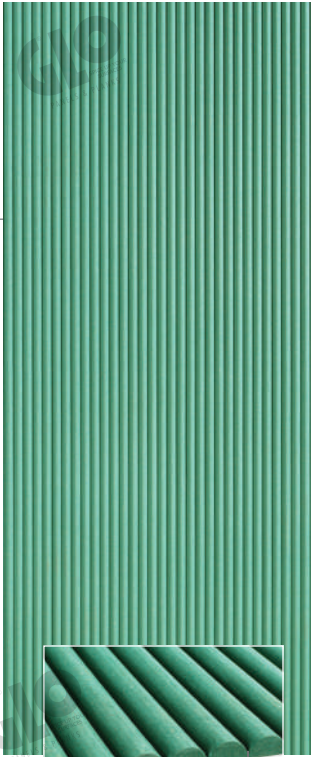
Thickness: **12 mm**

Size: **10' x 4'**

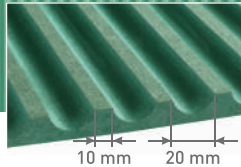
Raw Material: **HD-HMR MDF**

Customize Design on Special Request

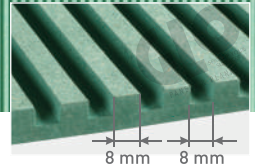
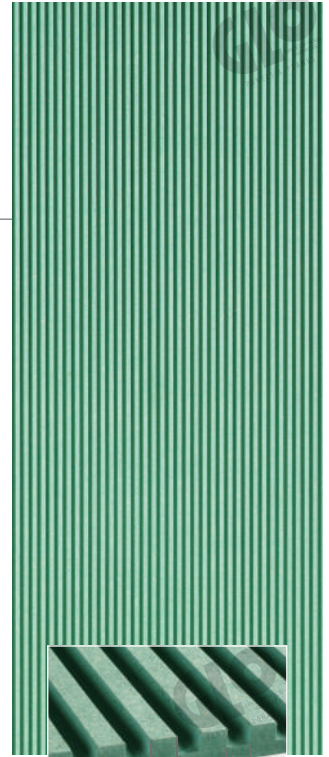
*Size, Thickness & Colour may vary from panel to panel.



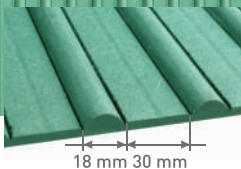
5901, Size: 10'x4'
Weight: 26.4 kg



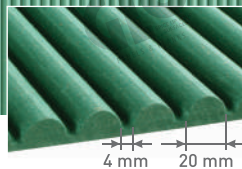
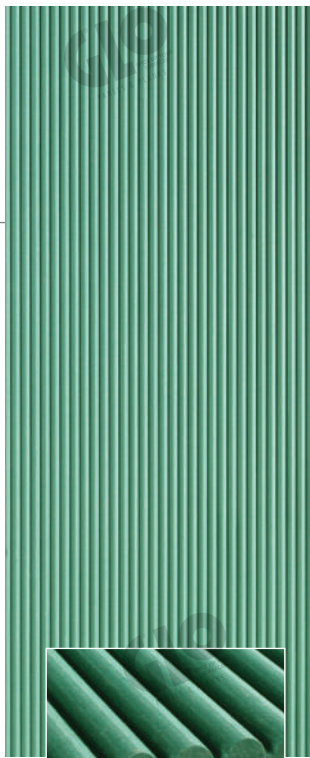
5902, Size: 10'x4'
Weight: 26 kg



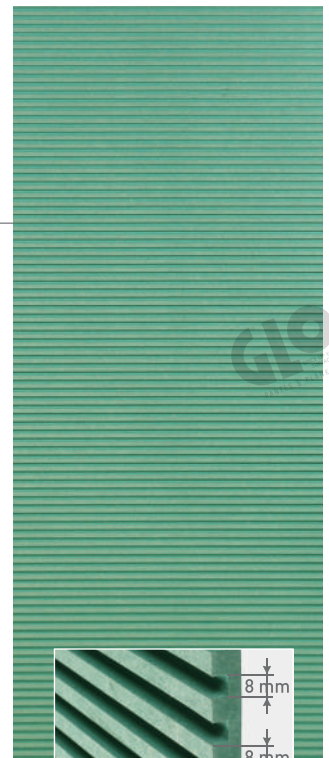
5903, Size: 10'x4'
Weight: 26.2 kg



5904, Size: 10'x4'
Weight: 25.5 kg

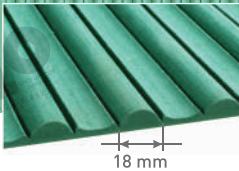
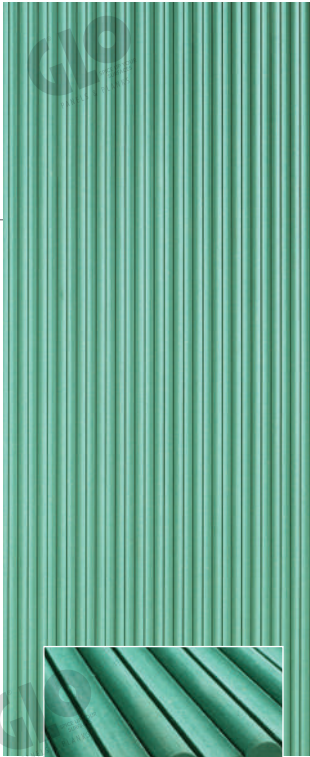


5905, Size: 10'x4'
Weight: 26 kg

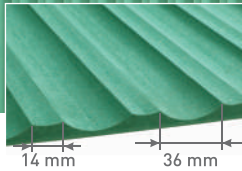


5906, Size: 10'x4'
Weight: 26.2 kg

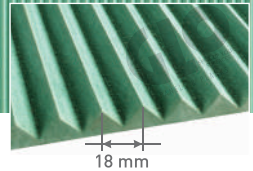
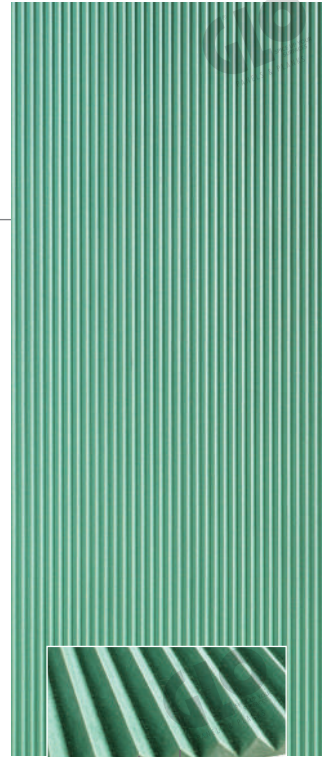
*Variation: +/- 10%



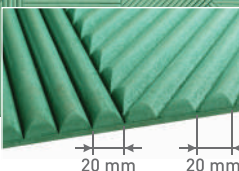
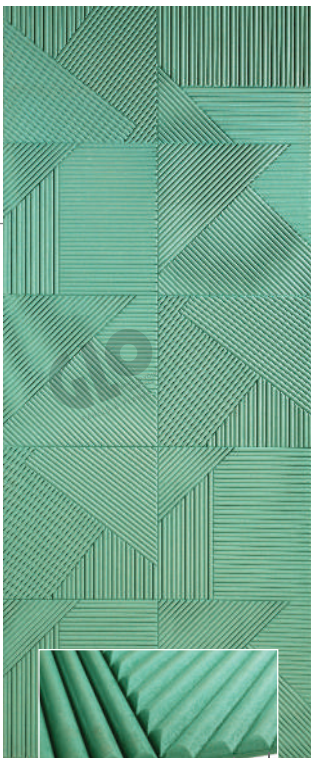
5907, Size: 10'x4'
Weight: 26 kg



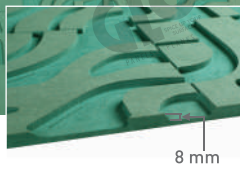
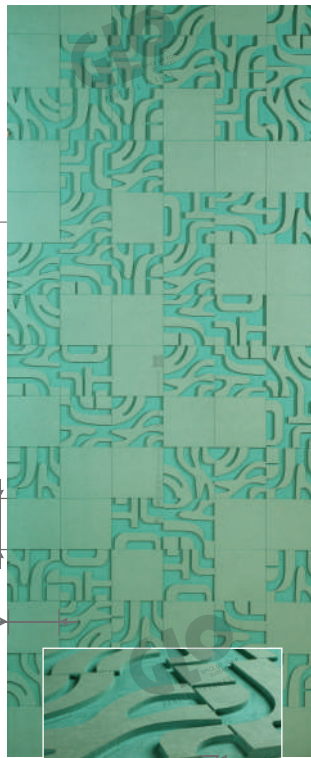
5908, Size: 10'x4'
Weight: 25.8 kg



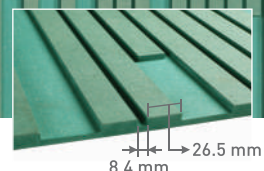
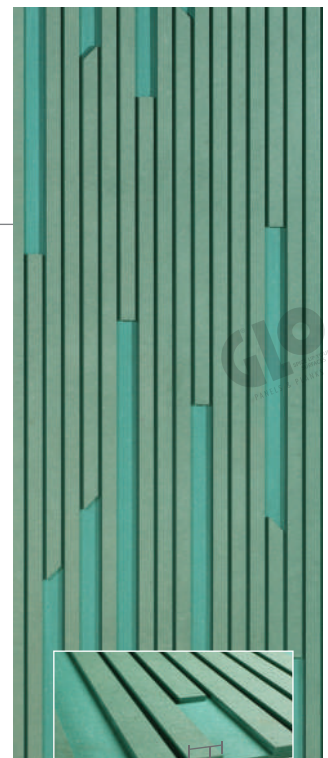
5909, Size: 10'x4'
Weight: 26 kg



5910, Size: 10'x4'
Weight: 26 kg



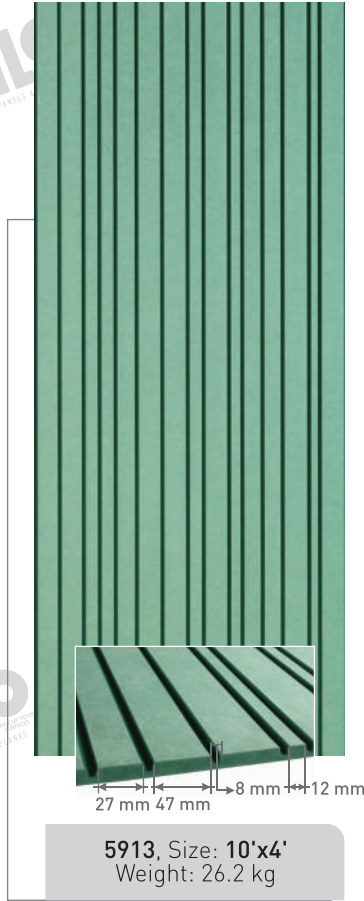
5911, Size: 10'x4'
Weight: 26 kg



5912, Size: 10'x4'
Weight: 25.8 kg

*Variation: +/- 10%

TECHNICAL SPECIFICATION



HD-HMR MDF		
Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m ³)	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 ² 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 ² 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 ² 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 ² 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 #20C 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 # 20C and water is brought to boiling and kept at boiling temperature for 2h. Specimens are then cooled in water to 27 # 20C and then tested for internal strength.

MDF FLUTED PANELS



GLO MDF Fluted Panels can be used to beautify all Interior walls and Ceilings in homes, offices, hotels, healthcare, education institutes, health clubs, recreation facilities. Made from HMR boards that are multi-dimensional bond with single layer glue architecture, hence it provide higher moisture resistance compared to normal MDF. Where normal MDF catches moisture and there layers start to peel off, HMR board will not losses its strength.

TECHNICAL DETAILS

Thickness: **16.5 mm**

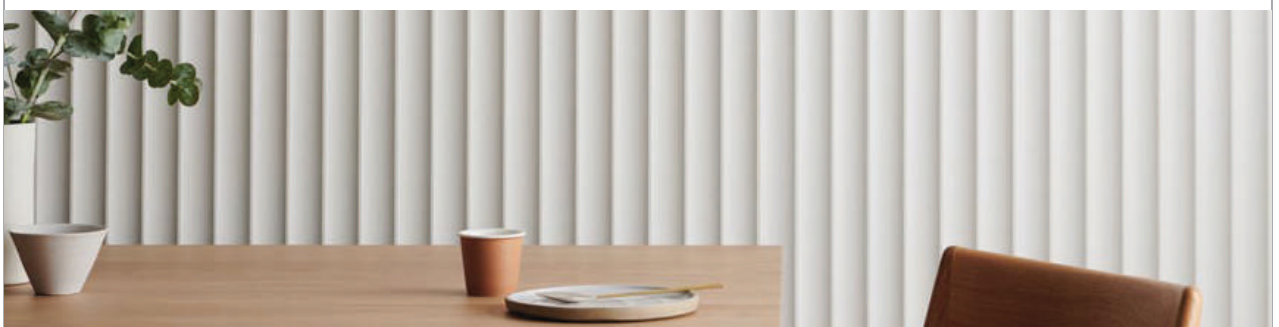
Size: **8' x 4'**

Raw Material: **HMR Pink MDF**

MDF FLUTED PANELS

Customize Design on Special Request

*Size, Thickness & Colour may vary from panel to panel.



6401, Size: 8'x4'
Weight: 28 kg

6402, Size: 8'x4'
Weight: 28 kg

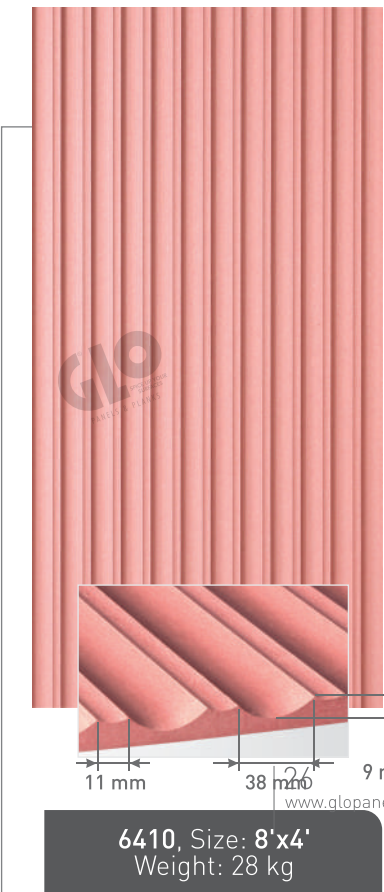
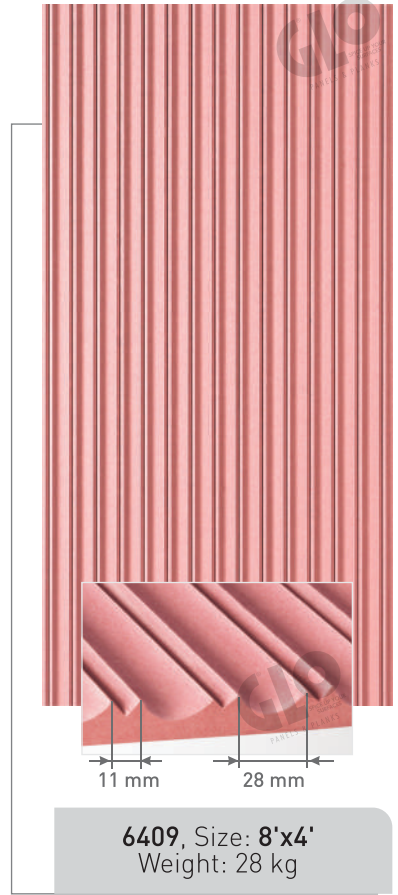
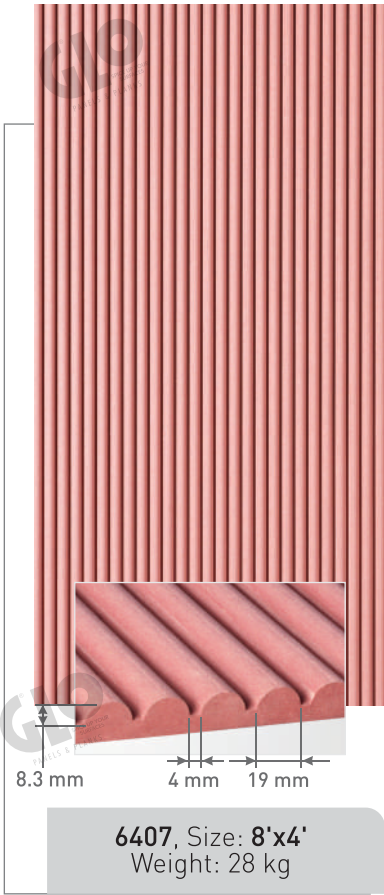
6403, Size: 8'x4'
Weight: 28 kg

6404, Size: 8'x4'
Weight: 28 kg

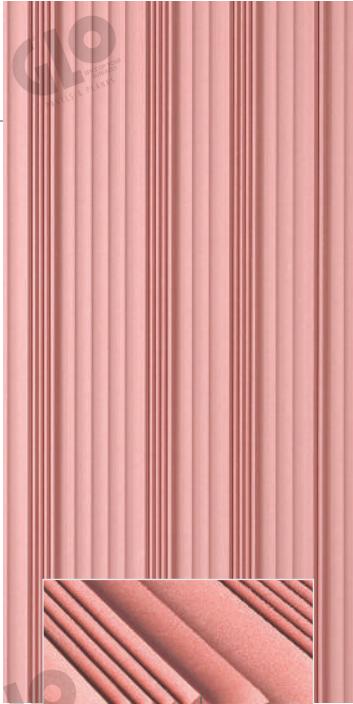
6405, Size: 8'x4'
Weight: 28 kg

6406, Size: 8'x4'
Weight: 28 kg

*Variation: +/- 10%

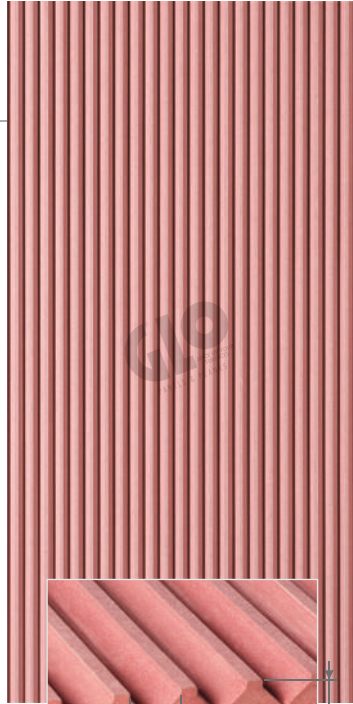


*Variation: +/- 10%



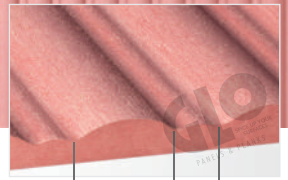
8.6 mm 30 mm

6413, Size: 8'x4'
Weight: 28 kg



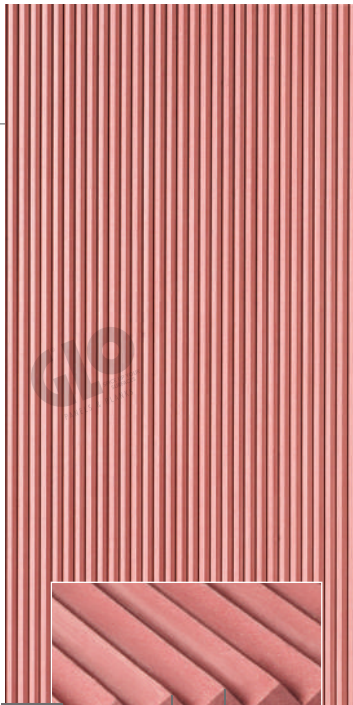
19 mm 11.1 mm

6414, Size: 8'x4'
Weight: 28 kg



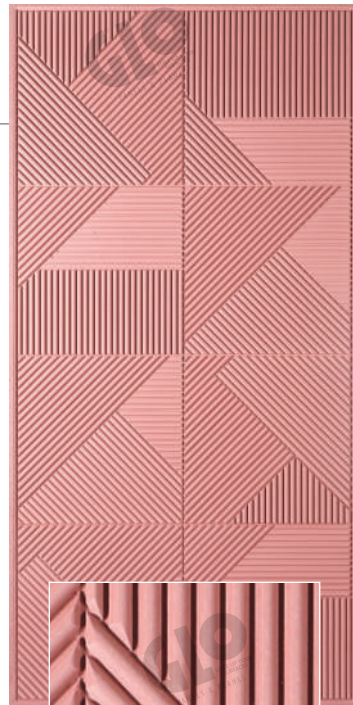
40.7 mm 14.9 mm

6415, Size: 8'x4'
Weight: 28 kg



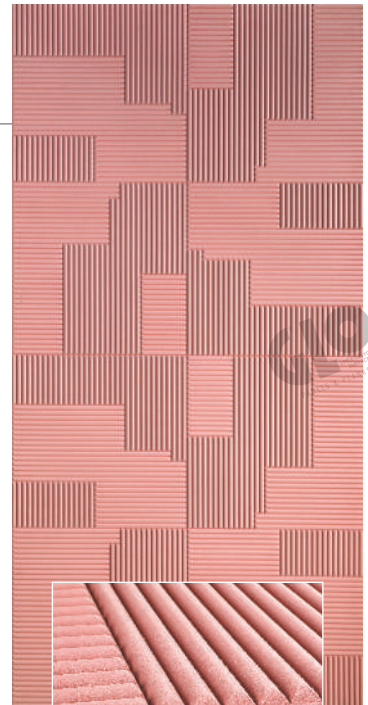
9 mm 19 mm

6416, Size: 8'x4'
Weight: 28 kg



4 mm 19 mm

6417, Size: 8'x4'
Weight: 28 kg

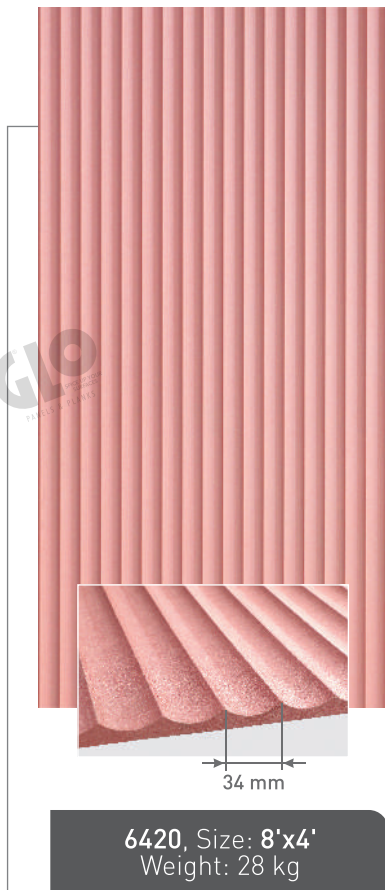
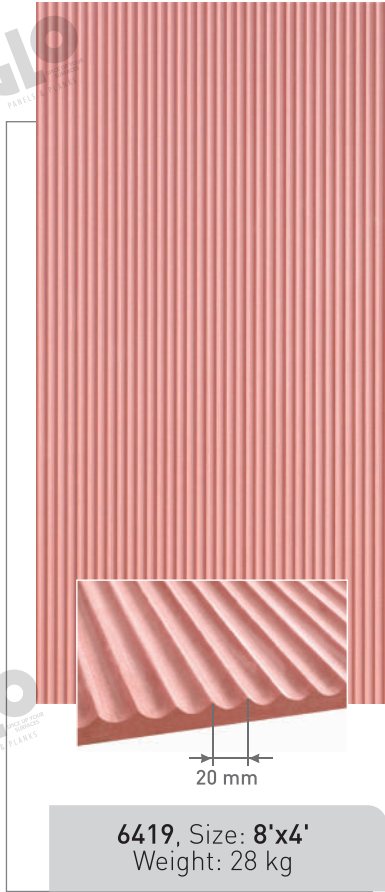


18 mm

6418, Size: 8'x4'
Weight: 28 kg

*Variation: +/- 10%

TECHNICAL SPECIFICATION



HMR PINK MDF		
Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m ³)	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 ² 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 ² 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 ² 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 ² 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 #20C for a period of 72h, followed by drying in air at 27 # 20 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 # 20C and water is brought to boiling and kept at boiling temperature for 2h. Specimens are then cooled in water to 27 # 20C and then tested for internal strength.

MDF FLUTED PANELS

GLO MDF Fluted Panels can be used to beautify all Interior walls and Ceilings in homes, offices, hotels, healthcare, education institutes, health clubs, recreation facilities. Made from HD-HMR Boards that are multi-dimensional bond with single layer glue architecture, hence it provide higher moisture resistance compared to normal MDF. Where normal MDF catches moisture and there layers start to peel off, HD-HMR Board will not losses its strength.

TECHNICAL DETAILS

Thickness: **12 mm**

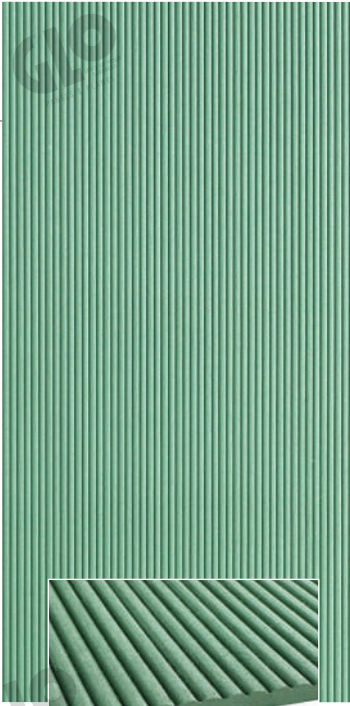
Size: **8' x 4'**

Raw Material: **HD-HMR MDF**

MDF FLUTED PANELS

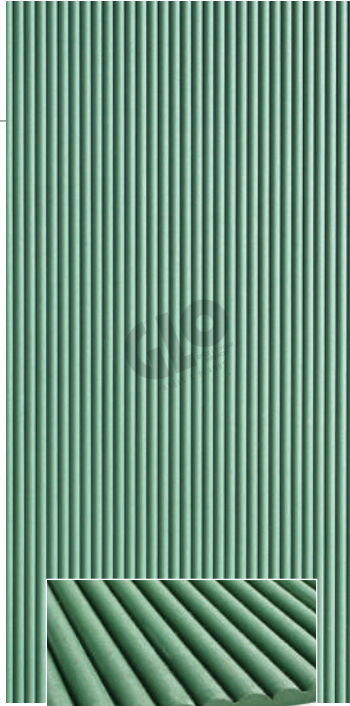
Customize Design on Special Request

*Size, Thickness & Colour may vary from panel to panel.



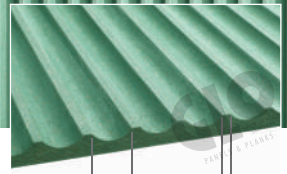
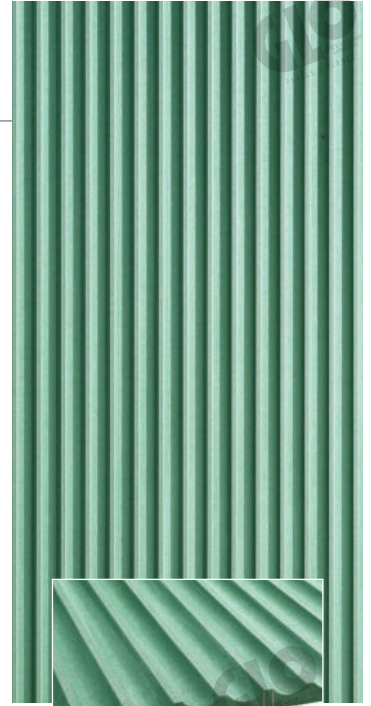
12 mm

6101, Size: 8' x 4'
Weight: 20 kg



19 mm

6102, Size: 8'x4'
Weight: 20.2 kg



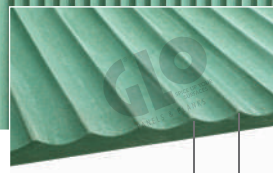
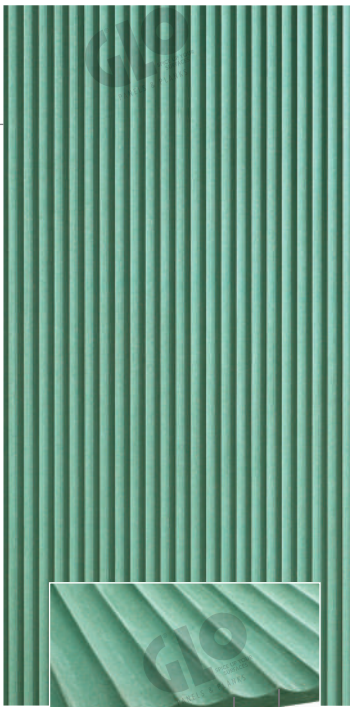
31.8 mm 4 mm

6103, Size: 8'x4'
Weight: 20 kg



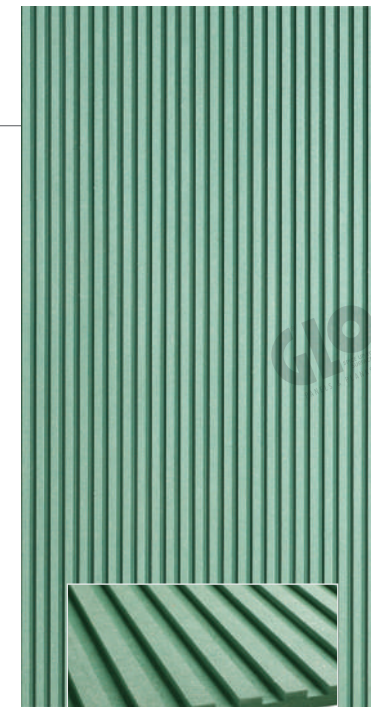
12 mm 12 mm 25 mm

6104, Size: 8'x4'
Weight: 20 kg



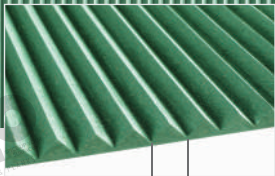
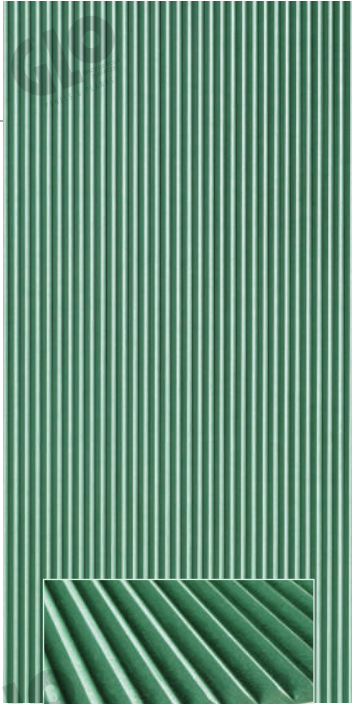
25 mm

6105, Size: 8'x4'
Weight: 20 kg



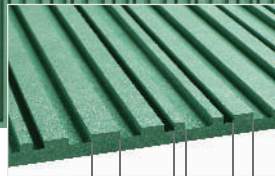
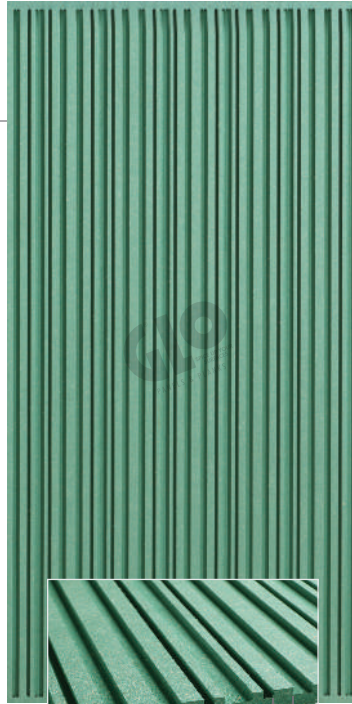
12 mm 12 mm

6106, Size: 8' x 4'
Weight: 20 kg



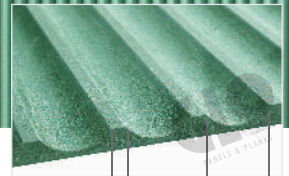
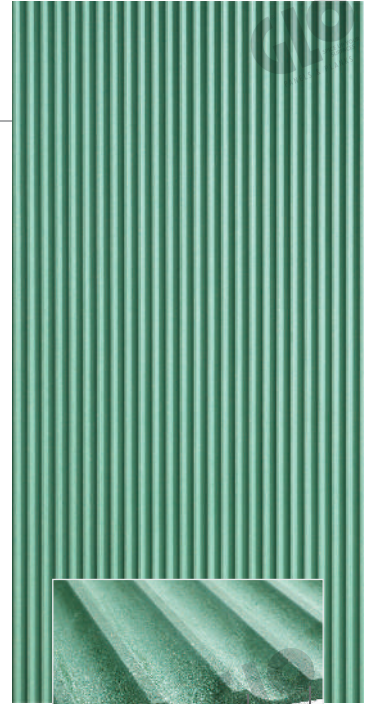
18 mm

6107, Size: 8'x4'
Weight: 19.8 kg



18 mm 6 mm 12 mm

6108, Size: 8'x4'
Weight: 19.8 kg



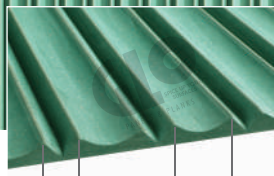
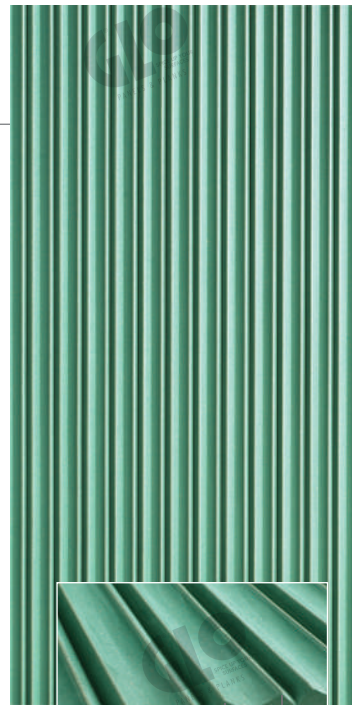
4 mm 18 mm

6109, Size: 8'x4'
Weight: 19.6 kg



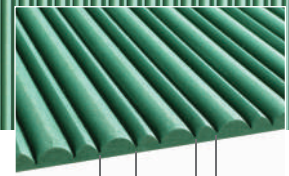
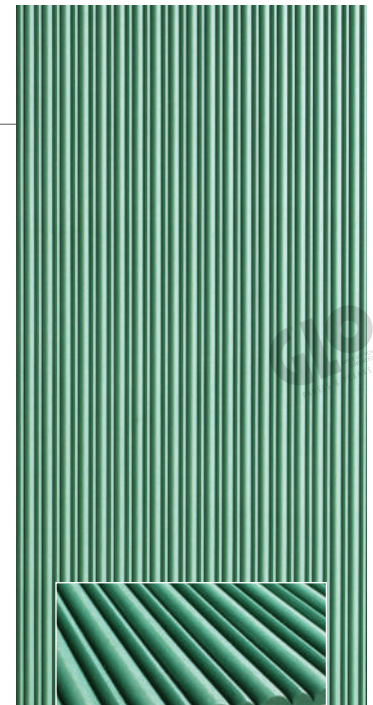
19 mm

6110, Size: 8'x4'
Weight: 20 kg



16 mm 25 mm

6111, Size: 8' x 4'
Weight: 20 kg



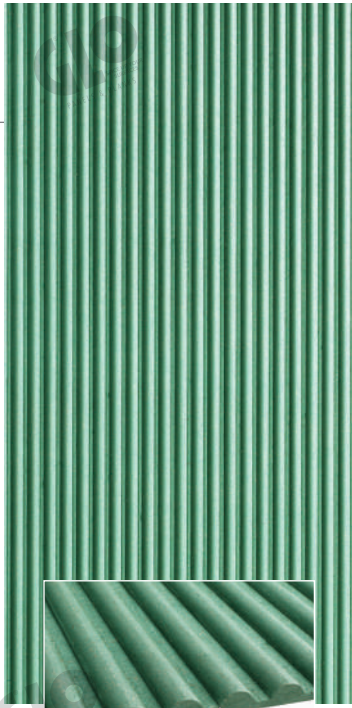
18 mm 11 mm

6112, Size: 8'x4'
Weight: 20 kg

*Variation: +/- 10%

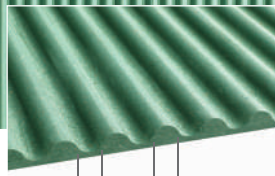
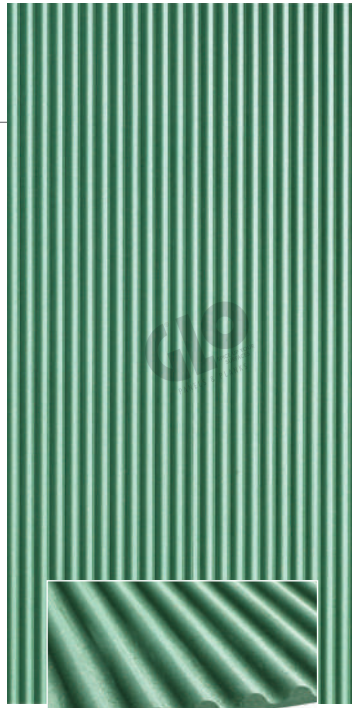
TECHNICAL SPECIFICATION

HD-HMR MDF		
Sr. No.	PROPERTY	Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m ³)	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 Width b) Due to surface absorption (in thickness) after 2 h soaking	4 0.3 0.3 4
VII	Modulus of rupture, N/mm ² 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 ² 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 ² 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 ² 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



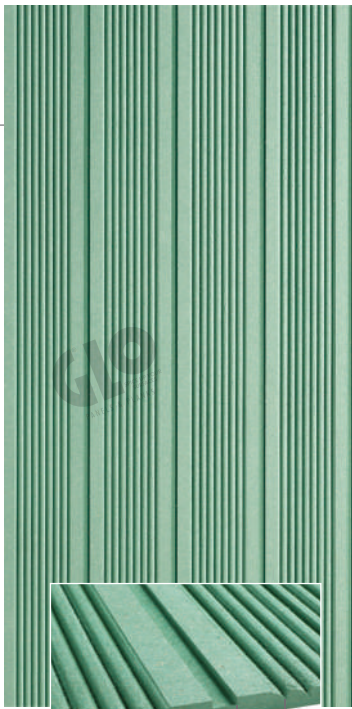
19 mm 5 mm

6113, Size: 8'x4'
Weight: 19.8 kg



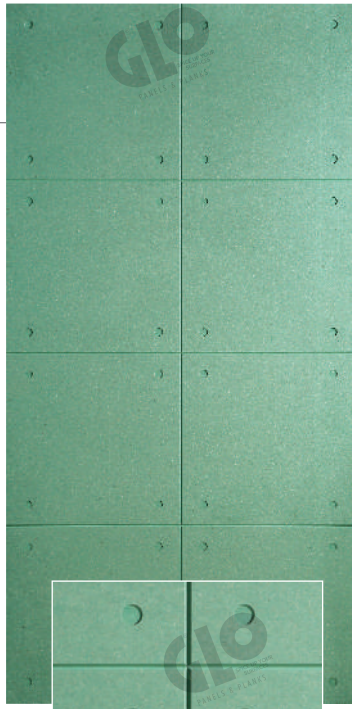
12 mm 12 mm

6114, Size: 8'x4'
Weight: 19.8 kg



12 mm 25 mm

6115, Size: 8'x4'
Weight: 20.2 kg



12 mm 30 mm

6116, Size: 8' x 4'
Weight: 18 kg

1) Cyclic test - Specimens are immersed in water at 27 #20C 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 # 20C and water is brought to boiling and kept at boiling temperature for 2h. Specimens are then cooled in water to 27 # 20C and then tested for internal strength.

1*

MDF FLUTED 8'x4' PANELS

MDF FLUTED PANELS

MDF Fluted Panels is a interior decoration material. It is fashionable, novel and stereoscopic. It is best for vertical applications such as Walls, Furniture, Ceiling, Pillars etc. It can be used for any decorative project be it residence, offices, hotels, restaurant, healthcare, education institutes, health clubs, film studios or showrooms.

TECHNICAL DETAILS

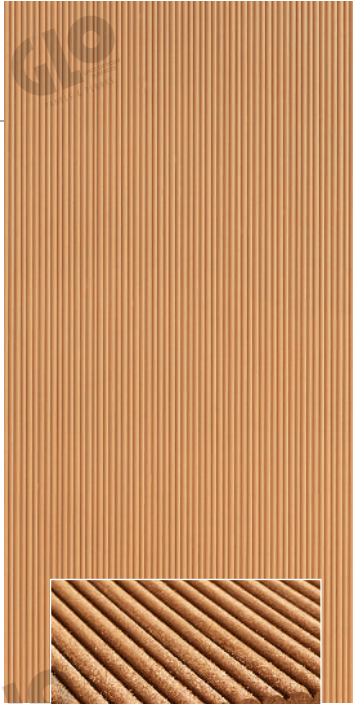
Thickness: **8 mm**

Size: **8' x 4'**

Raw Material: **MDF**

Customize Design on Special Request

*Size, Thickness & Colour may vary from panel to panel.



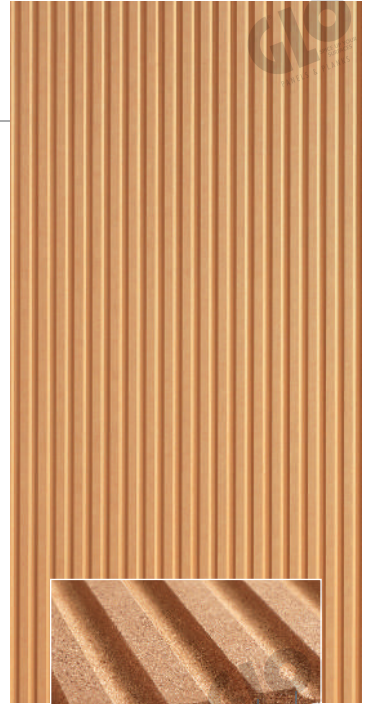
10 mm

8701, Size: 8'x4'
Weight: 9.2 kg



40 mm 10 mm 30 mm

8702, Size: 8'x4'
Weight: 9.2 kg



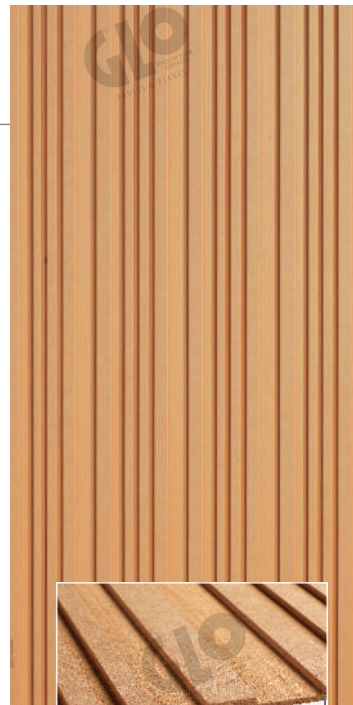
19 mm 10.5 mm

8703, Size: 8'x4'
Weight: 9 kg



10 mm 21 mm

8704, Size: 8'x4'
Weight: 9.1 kg



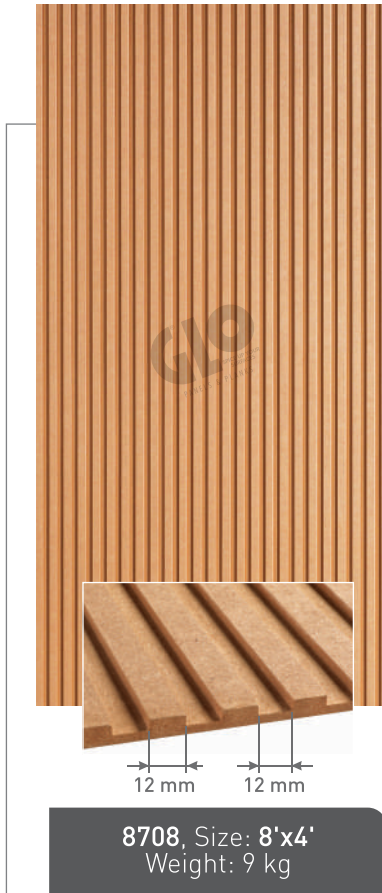
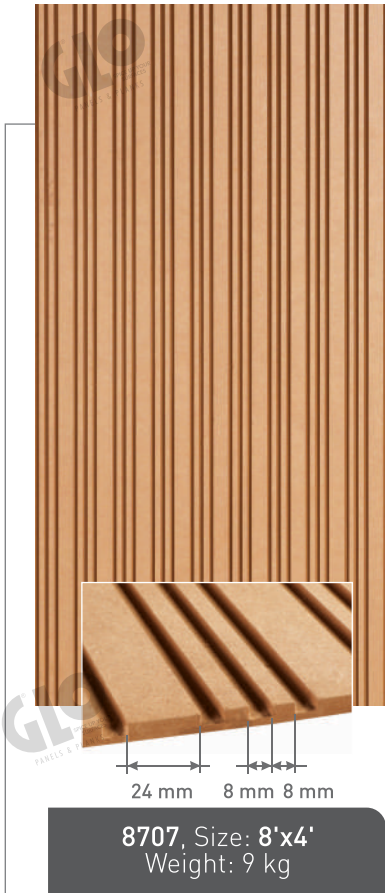
14 mm 11.3 mm 20 mm 30 mm

8705, Size: 8'x4'
Weight: 9 kg



37.5 mm 6 mm

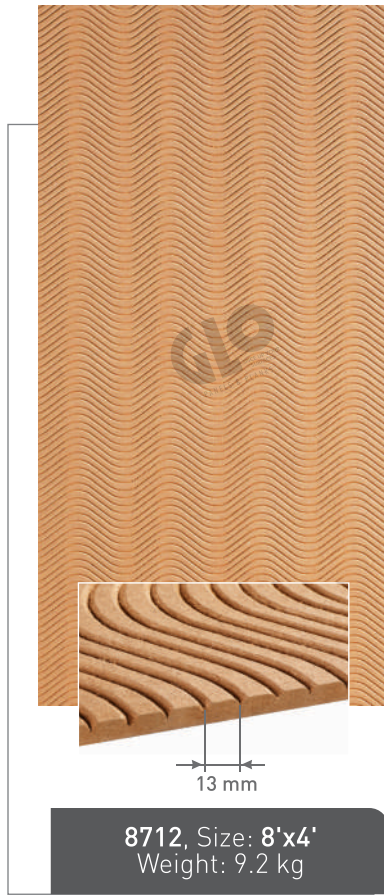
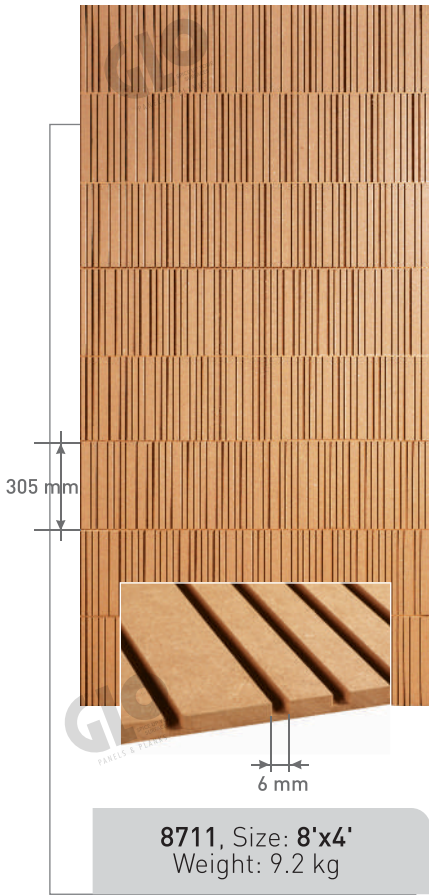
8706, Size: 8'x4'
Weight: 8.5 kg



*Variation: +/- 10%

TECHNICAL SPECIFICATION

INTERIOR GRADE MDF		
Properties	Unit	Test Result
Thickness Tolerance (within panel)	mm	12(+/-0.2)
Size Tolerance (within panel)	mm	+/-2 mm max in length and width
Squareness	mm	+/-2 mm
Density	kg/m ³	600 - 760
Density Profile @ Core	%	80
Internal Bond	N/mm ²	0.6
Modules of Rupture	N/mm ²	22
Modules of Elasticity	N/mm ²	2500
Surface Soundness	N	n/a
Screw Holding		
-Face	N	n/a
-Edge	N	n/a
Thickness Swelling (24hr)	%	15
Water Absorption (24hr)	%	30
Dimensional Stability (rh 35-85%)		
-Length/Width	%	0.5
-Thickness	%	6



*Variation: +/- 10%

MDF FLUTED PANELS



GLO PANELS
PVT. LTD.

customer.care@glopanels.com | www.glopanels.com