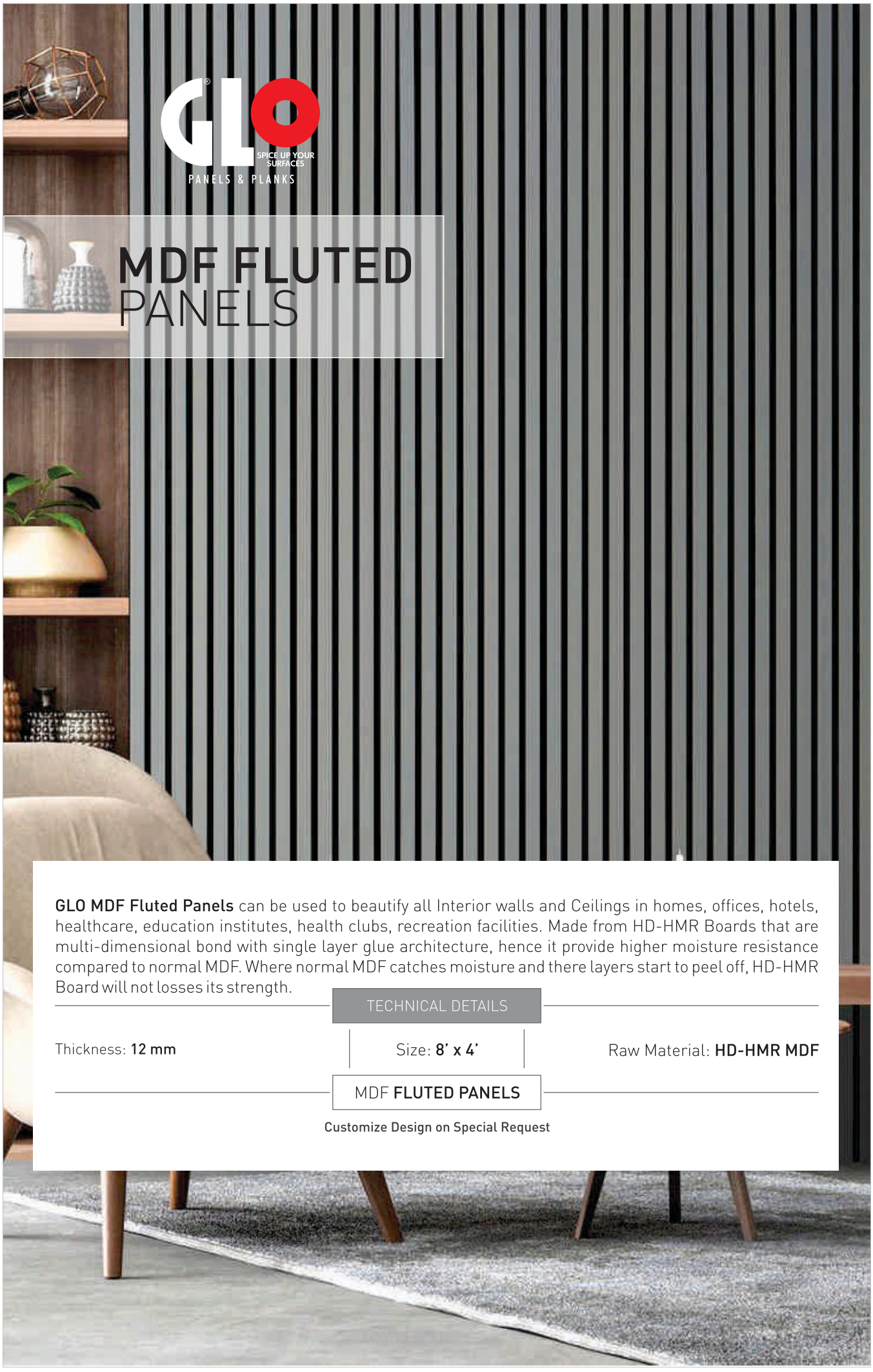
MDF FLUTED
PANELS

Size: 8'x4' & 10'x4'

Thickness: 8mm/12mm/16.5mm

CUSTOMIZE DESIGN
AVAILABLE

GLO®
SPICE UP YOUR SURFACES
PANELS & PLANKS



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'**

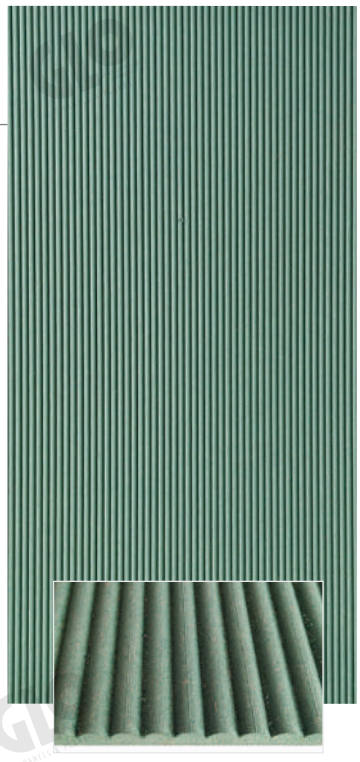
Raw Material: **HD-HMR MDF**

MDF **FLUTED PANELS**

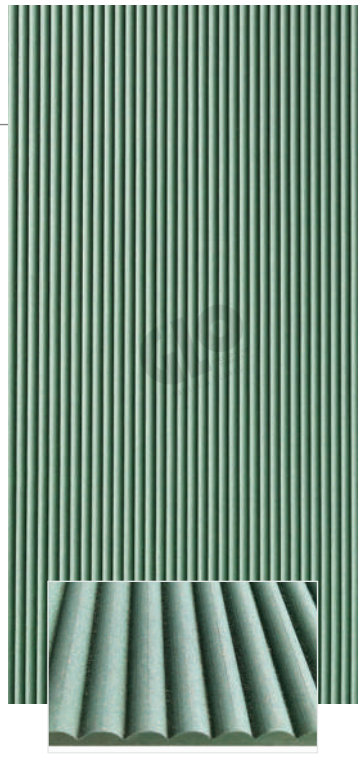
Customize Design on Special Request

MDF FLUTED PANELS

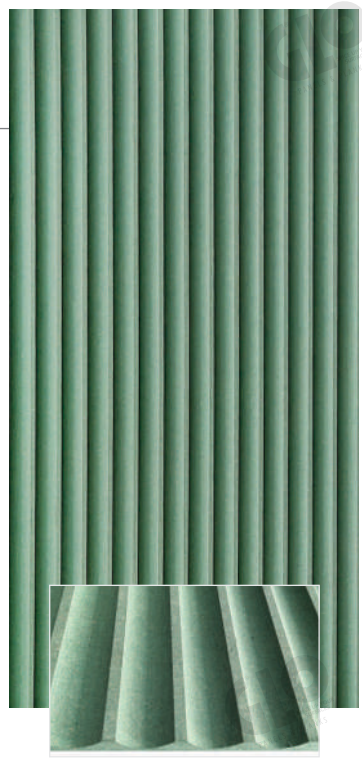
THICKNESS 12 MM



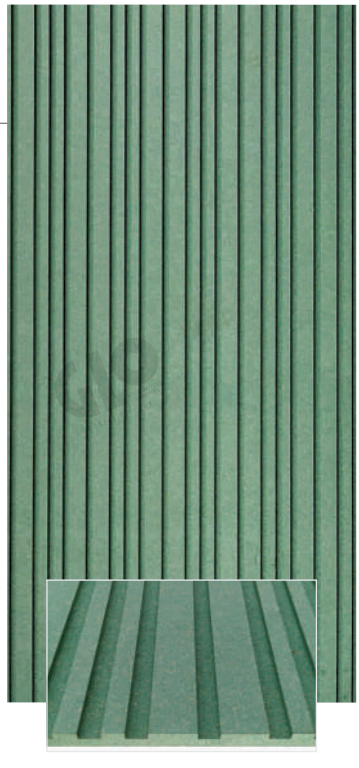
6101, Size: **8' x 4'**
Weight: 18 kg



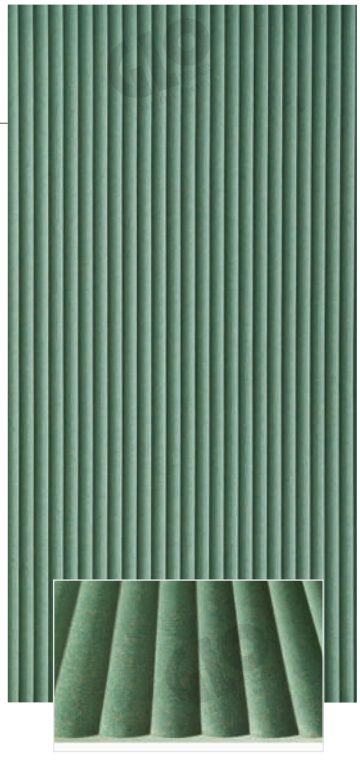
6102, Size: **8'x4'**
Weight: 20 kg



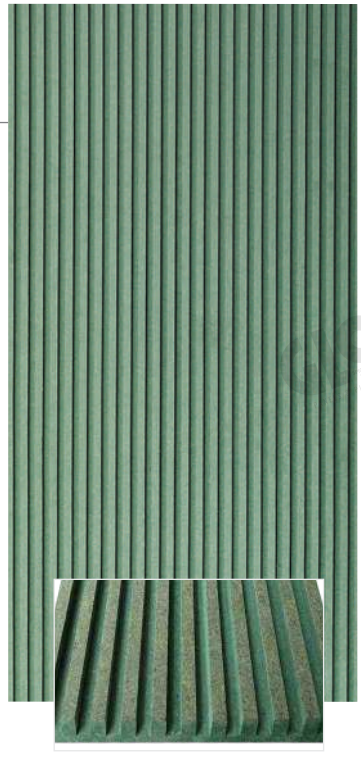
6103, Size: **8'x4'**
Weight: 17 kg



6104, Size: **8'x4'**
Weight: 19 kg



6105, Size: **8'x4'**
Weight: 17 kg

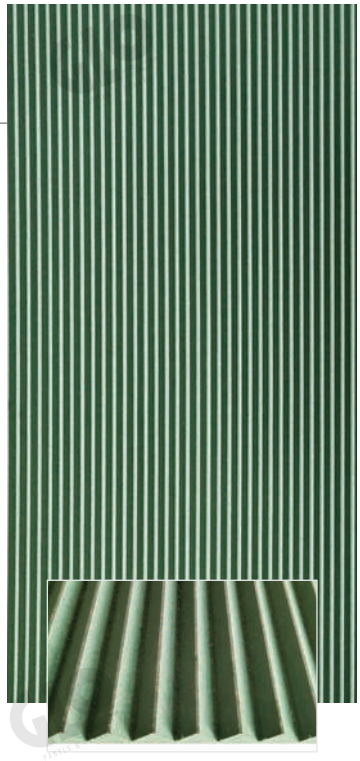


6106, Size: **8' x 4'**
Weight: 18 kg

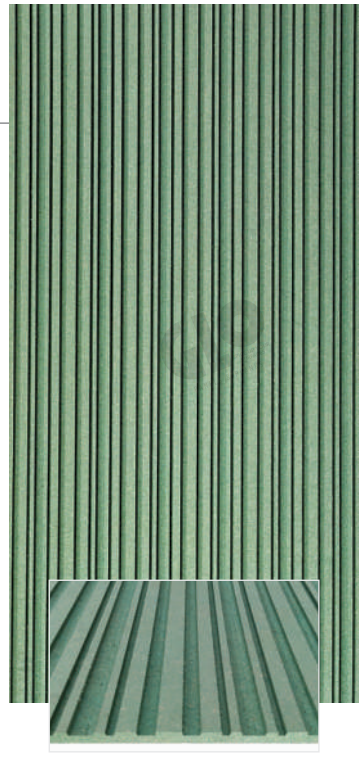
*This is a 4'x2' sample image, not the original size image.

MDF FLUTED PANELS

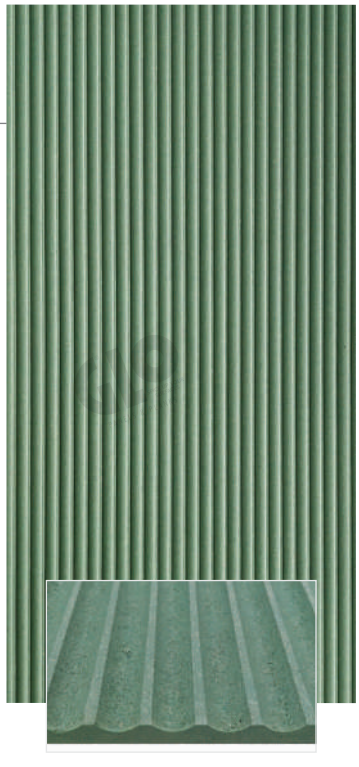
THICKNESS 12 MM



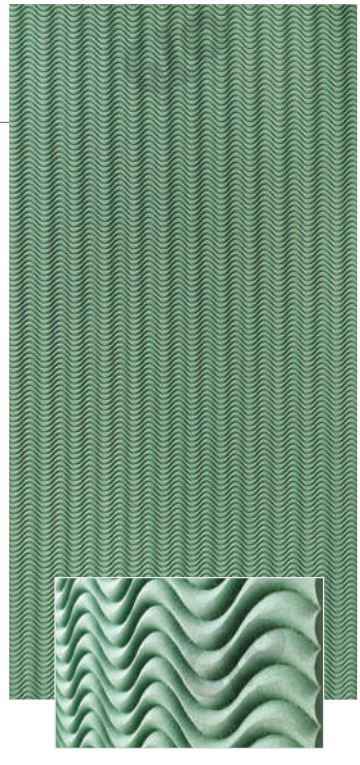
6107, Size: **8'x4'**
Weight: 17 kg



6108, Size: **8'x4'**
Weight: 18 kg



6109, Size: **8'x4'**
Weight: 18 kg



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

*This is original size (8'x4') image.

TECHNICAL SPECIFICATION

HD-HMR MDF		
Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m3)	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/mm2 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/mm2 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.

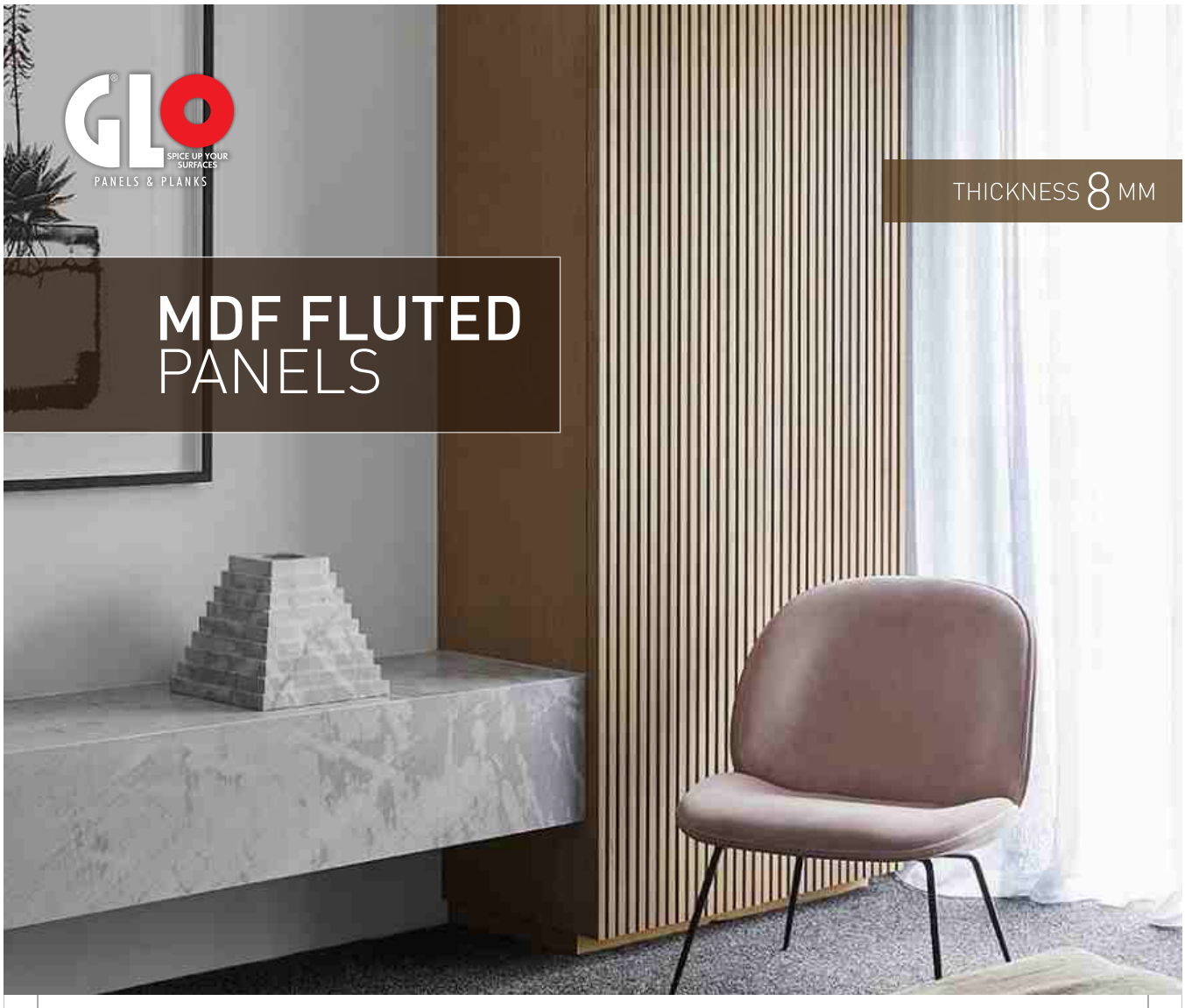
MDF FLUTED 8'x4' PANELS

*This is a 4'x2' sample image, not the original size image.

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

THICKNESS 8 MM

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

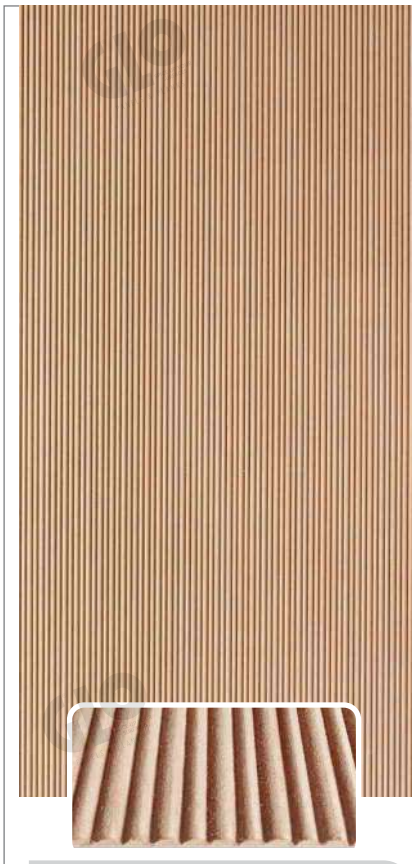
Thickness: **8 mm**	Size: **8' x 4'**	Raw Material: **MDF**

Customize Design on Special Request

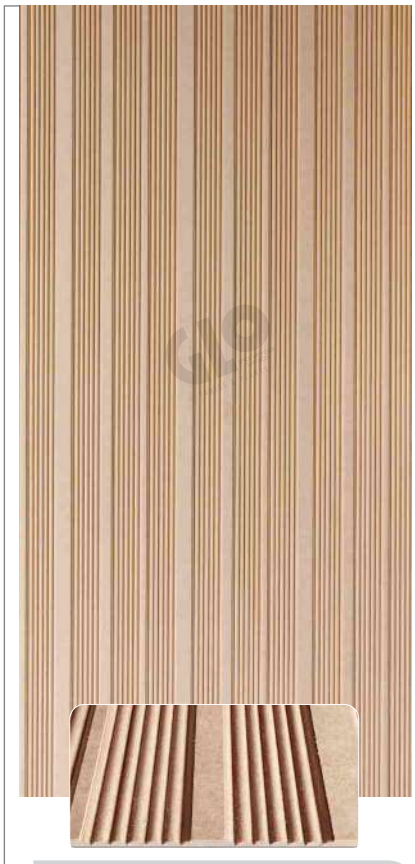
GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

MDF FLUTED PANELS

THICKNESS 8 MM



8701, Size: **8' x 4'**



8702, Size: **8' x 4'**

8703, Size: **8' x 4'**

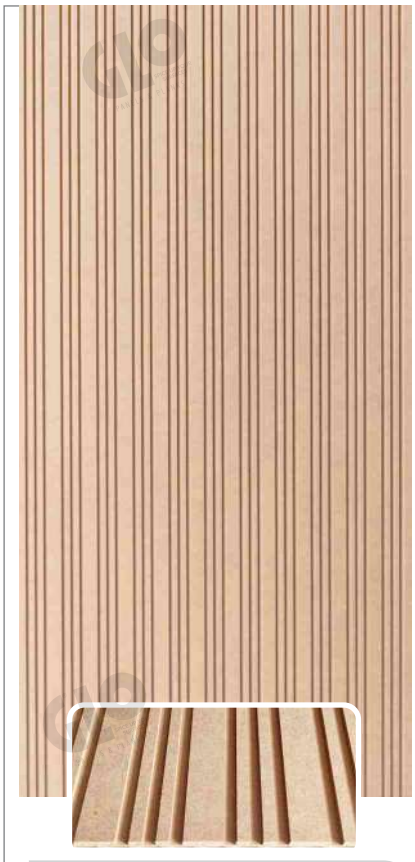
8704, Size: **8' x 4'**

8705, Size: **8' x 4'**

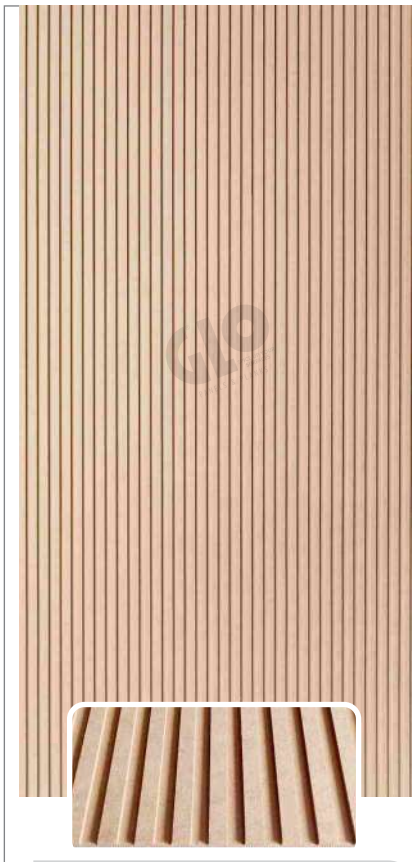
8706, Size: **8' x 4'**

MDF FLUTED PANELS

THICKNESS 8 MM

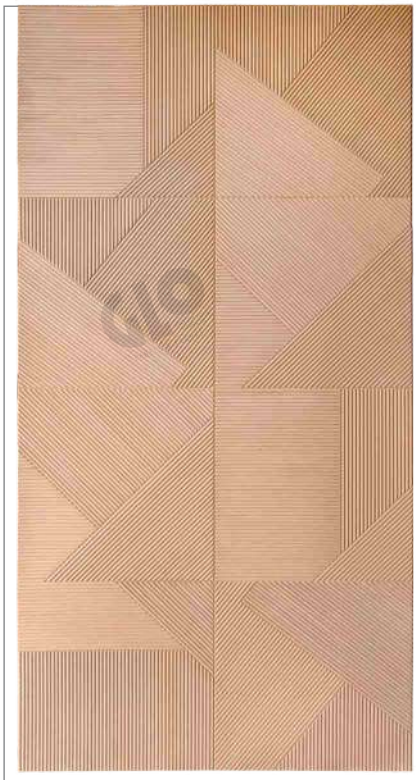


8707, Size: **8' x 4'**



8708, Size: **8' x 4'**

8709, Size: **8' x 4'**



8710, Size: **8' x 4'**

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/m3	600 - 760
Density Profile @ Core	%	80
Internal Bond	N/mm2	0.6
Modules of Rupture	N/mm2	22
Modules of Elasticity	N/mm2	2500
Surface Soundness	N	n/a
Screw Holding -Face -Edge	 N N	 n/a n/a
Thickness Swelling (24hr)	%	15
Water Absorption (24hr)	%	30
Dimensional Stability (rh 35-85%) -Length/Width -Thickness	 % %	 0.5 6

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

THICKNESS 12 MM

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

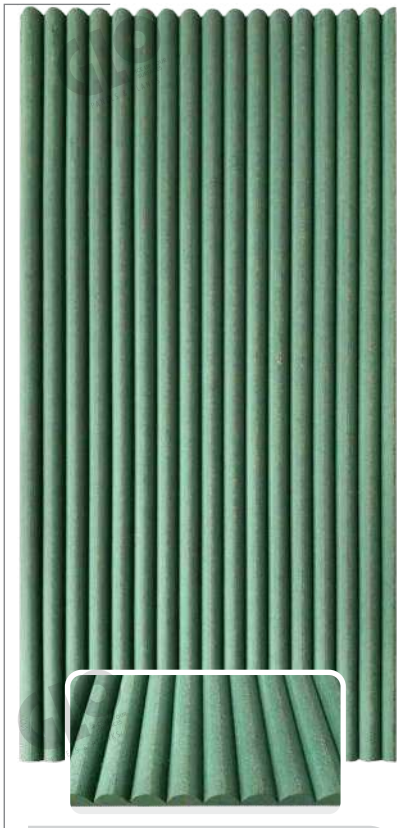
Thickness: **12 mm**	Size: **10' x 4'**	Raw Material: **HD-HMR MDF**

Customize Design on Special Request

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

MDF FLUTED PANELS

10'x4'
THICKNESS 12 MM

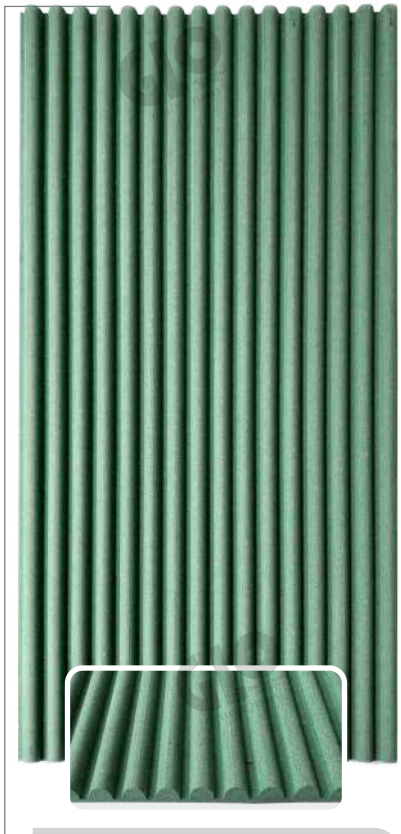


5901, Size: **10' x 4'**

5902, Size: **10' x 4'**

5903, Size: **10' x 4'**

5904, Size: **10' x 4'**



5905, Size: **10' x 4'**

5906, Size: **10' x 4'**

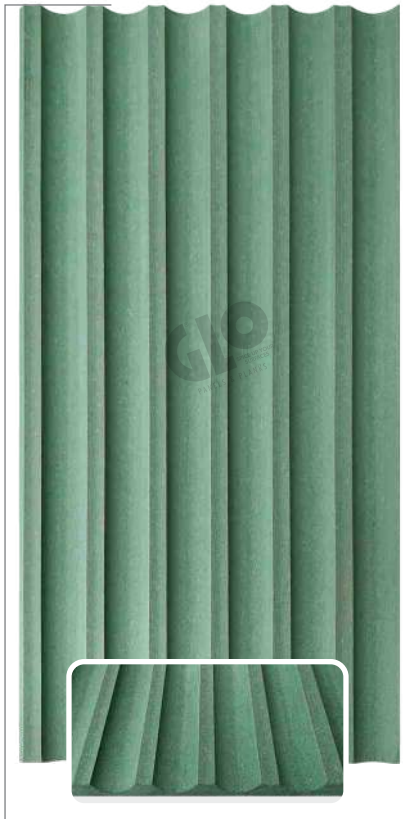
*This is a 2'x1' sample image, not the original size image.

GLO SPICE UP YOUR SURFACES
PANELS & PLANKS

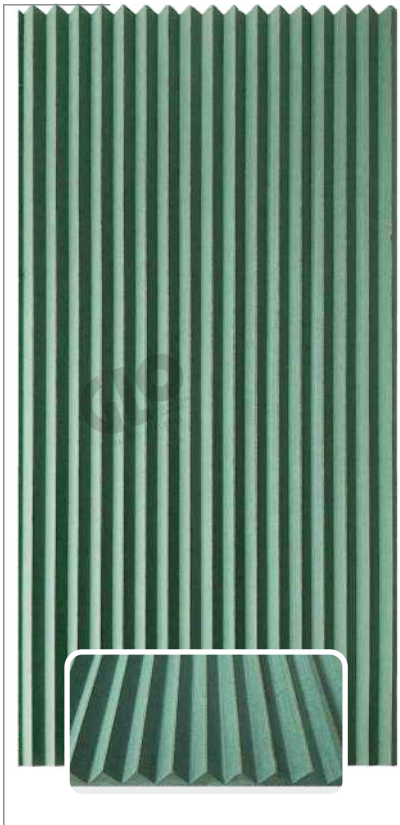
MDF FLUTED PANELS

10'x4'
THICKNESS 12 MM

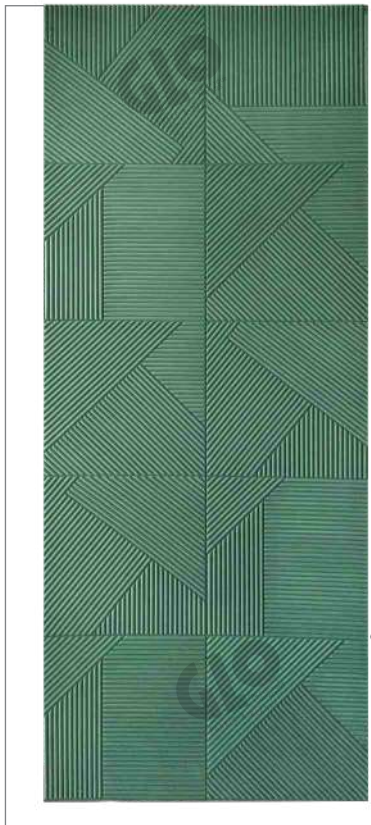
5907, Size: **10' x 4'**



5908, Size: **10' x 4'**



5909, Size: **10' x 4'**



5910, Size: **10' x 4'**

*This is original size (10'x4') image.

TECHNICAL SPECIFICATION

HD-HMR MDF		
Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m3)	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/mm2 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/mm2 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 10'x4' PANELS

*This is a 2'x1' sample image, not the original size image.

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

THICKNESS 16.5 MM

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**

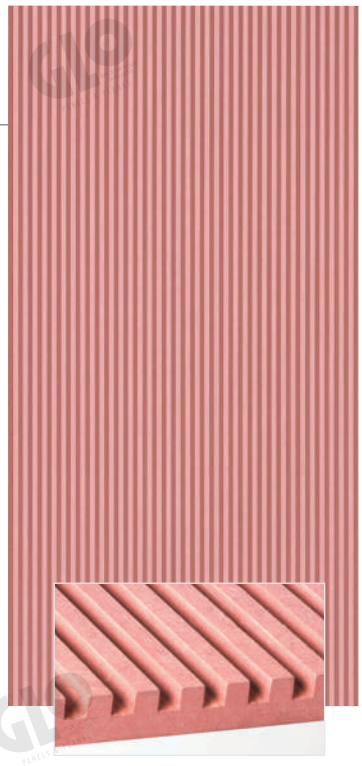
MDF FLUTED PANELS

Customize Design on Special Request

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

MDF FLUTED PANELS

THICKNESS 16.5 MM

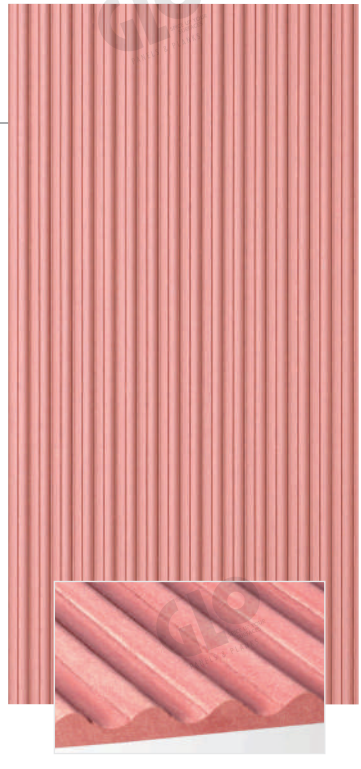


6401, Size: **8'x4'**
Weight: 28 kg

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

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

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



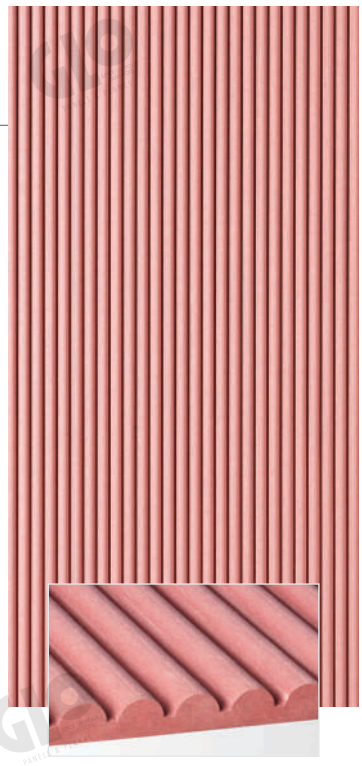
6405, Size: **8'x4'**
Weight: 28 kg

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

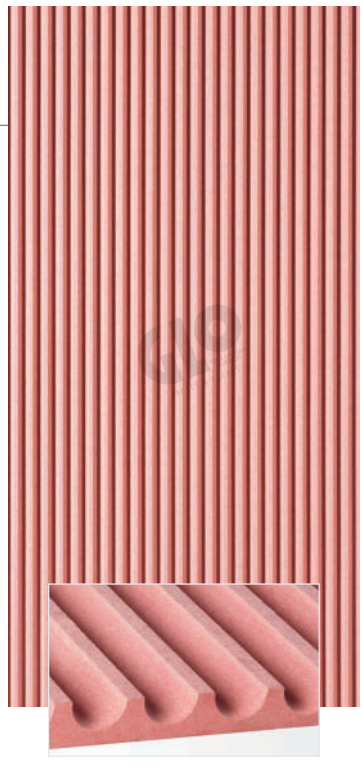
GLO SPICE UP YOUR SURFACES
PANELS & PLANKS

MDF FLUTED PANELS

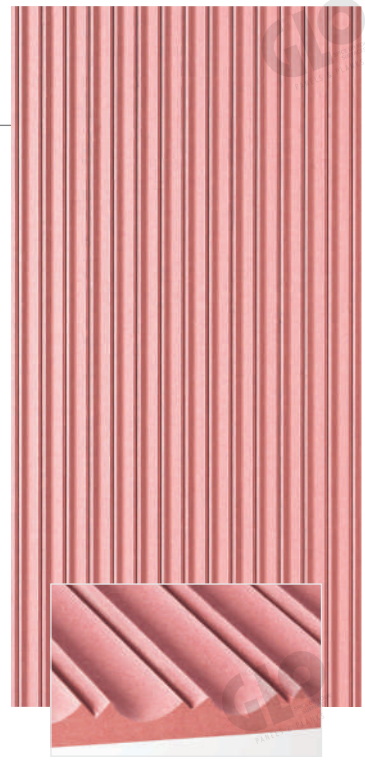
THICKNESS 16.5 MM



6407, Size: **8'x4'**
Weight: 28 kg

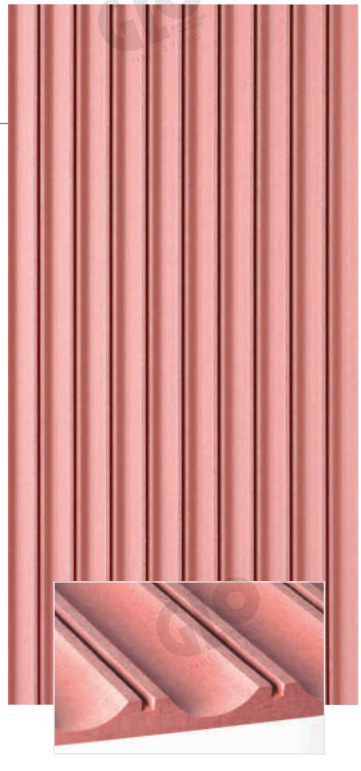


6408, Size: **8'x4'**
Weight: 28 kg

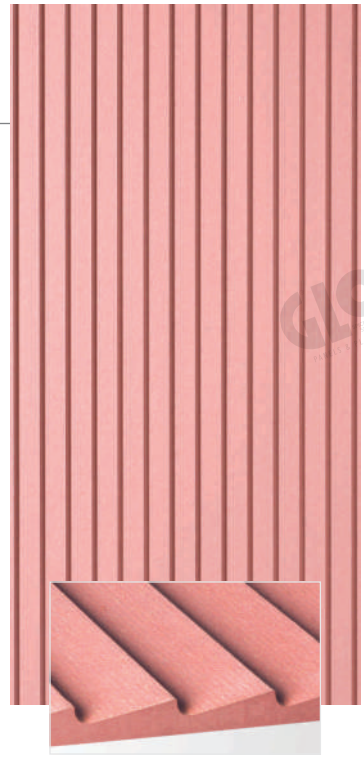


6409, Size: **8'x4'**
Weight: 28 kg

6410, Size: **8'x4'**
Weight: 28 kg



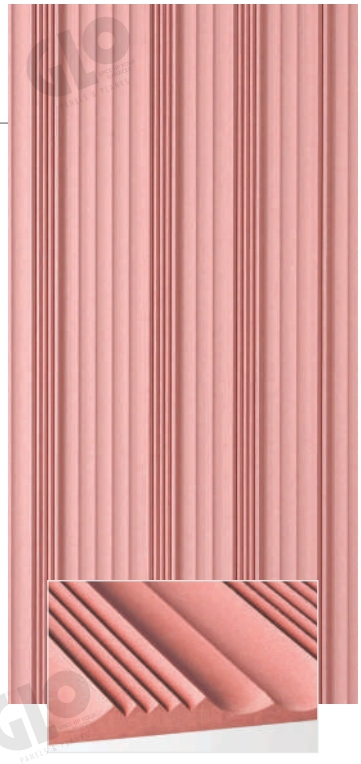
6411, Size: **8'x4'**
Weight: 28 kg



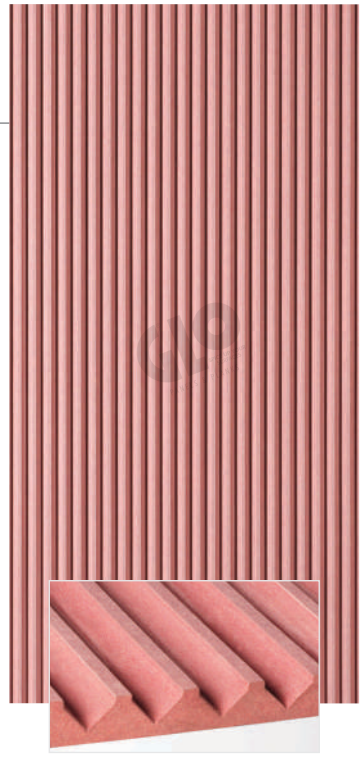
6412, Size: **8'x4'**
Weight: 28 kg

MDF FLUTED PANELS

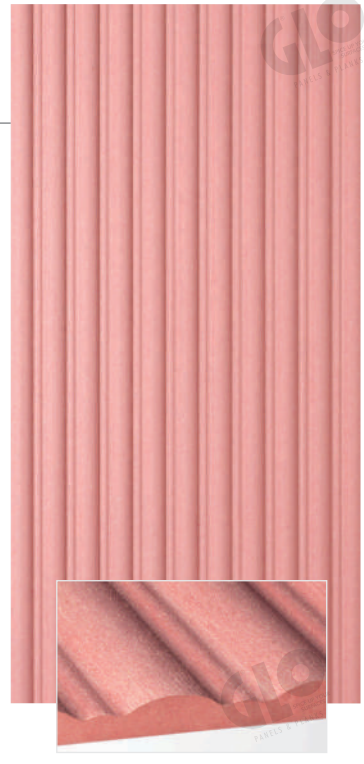
THICKNESS 16.5 MM



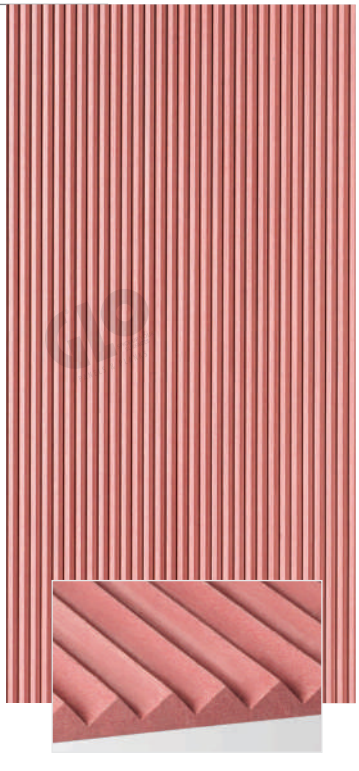
6413, Size: **8'x4'**
Weight: 28 kg



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



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



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

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

MDF FLUTED PANELS

THICKNESS 16.5 MM

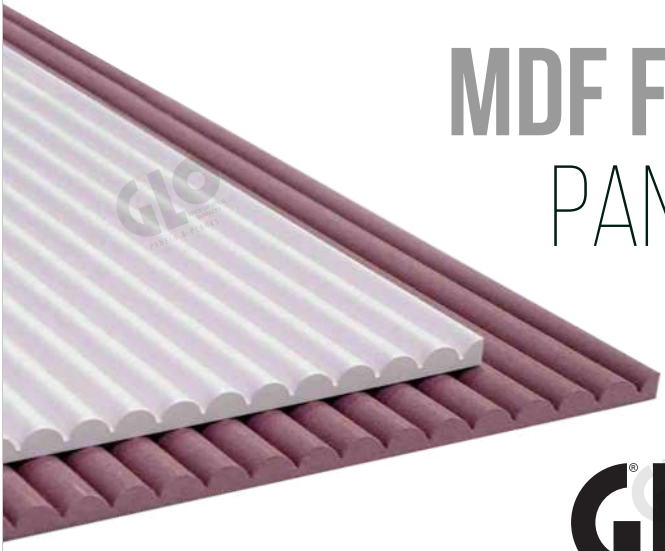
TECHNICAL SPECIFICATION

HMR PINK MDF		
Sr. No.	PROPERTY	"Grade I (SBG)
(1)	(2)	(4)
I	Density (kg/m3)	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/mm2 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/mm2 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®
SPICE UP YOUR SURFACES
PANELS & PLANKS

GLO PANELS
PVT. LTD.

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