

# series supplies™

Interior and Architectural Products

DIVIDERS, SCREENS & CEILINGS

MDF GRILLE PANEL

LAYERED VENEER GRILLE PANEL

2018

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## DIVIDERS, SCREENS & CEILINGS – MDF GRILLE PANEL LAYERED VENEER GRILLE PANEL

Cool room dividers have become more popular because they are a good way to segment a big room and organize several independent areas. Grille Panels offer awesome room dividers, which are created specially for modern and contemporary interiors. Not limited for use as just dividers, Grille Panels are good alternative to be installed as feature and general ceiling, backlit ceiling or wall, deco lattice on windows or glass panels and mirror backed feature wall.

The panels are made of Medium Density Fiberboard (MDF), CNC cut, primed and painted finish. We could customize and cater to your project requirement, custom design to different sizes and thickness as well as using different material such as moisture-resistant, fire-retardant and high density fiberboard.

### PHYSICAL & MECHANICAL PROPERTIES:

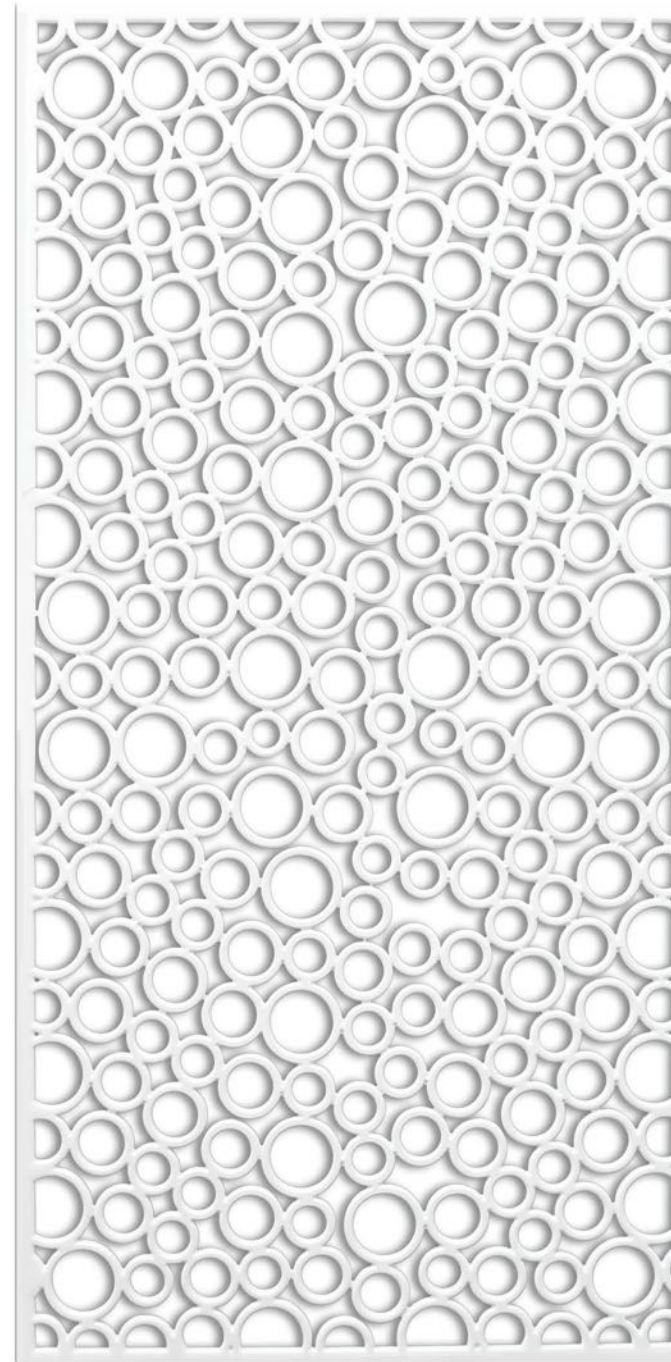
Internal bonding strength: 0.89 Mpa  
Static bonding strength: 36.2 Mpa  
Bending modulus: 3420 Mpa  
Resistance to screw withdrawal (surface): 1670 N  
Resistance to screw withdrawal (side): 950 N  
Thickness swelling: 11.7%  
Moisture content: 6.4%  
Density: 776 Kg/m  
Board density deviation: +7%,-1.3%  
Formaldehyde emission content: 21mg/100g

### PRODUCT CHARACTERISTICS:

Moisture resistant, Machinability, Paintability,  
Lightweight, Indoor, outdoor.







Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 18mm thick

Finish: Matt white primer

Model code: **GP-040**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

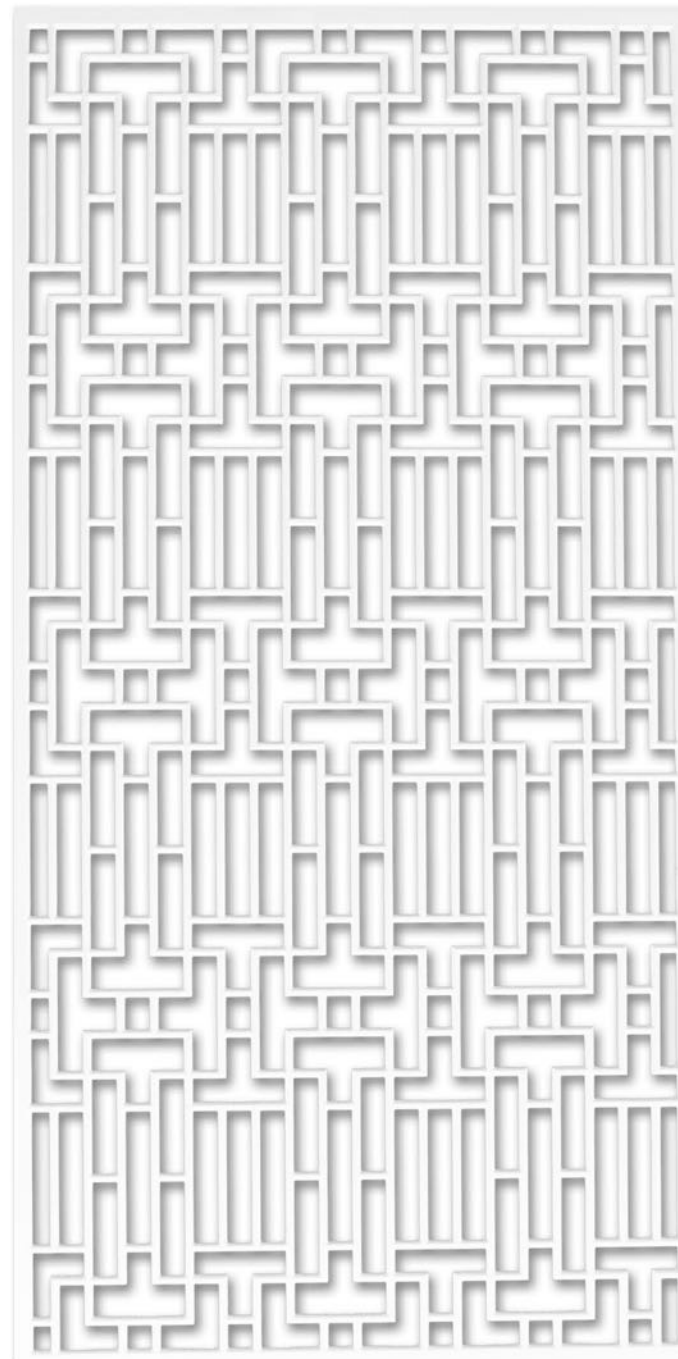
Formaldehyde emission content: 21mg/100g

Rounded edge (both sides)



Edge view





Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 18mm thick

Finish: Matt white primer

Model code: **GP-050**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

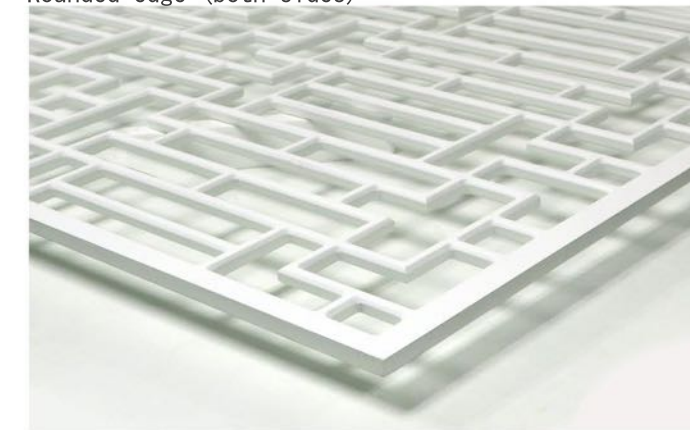
Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

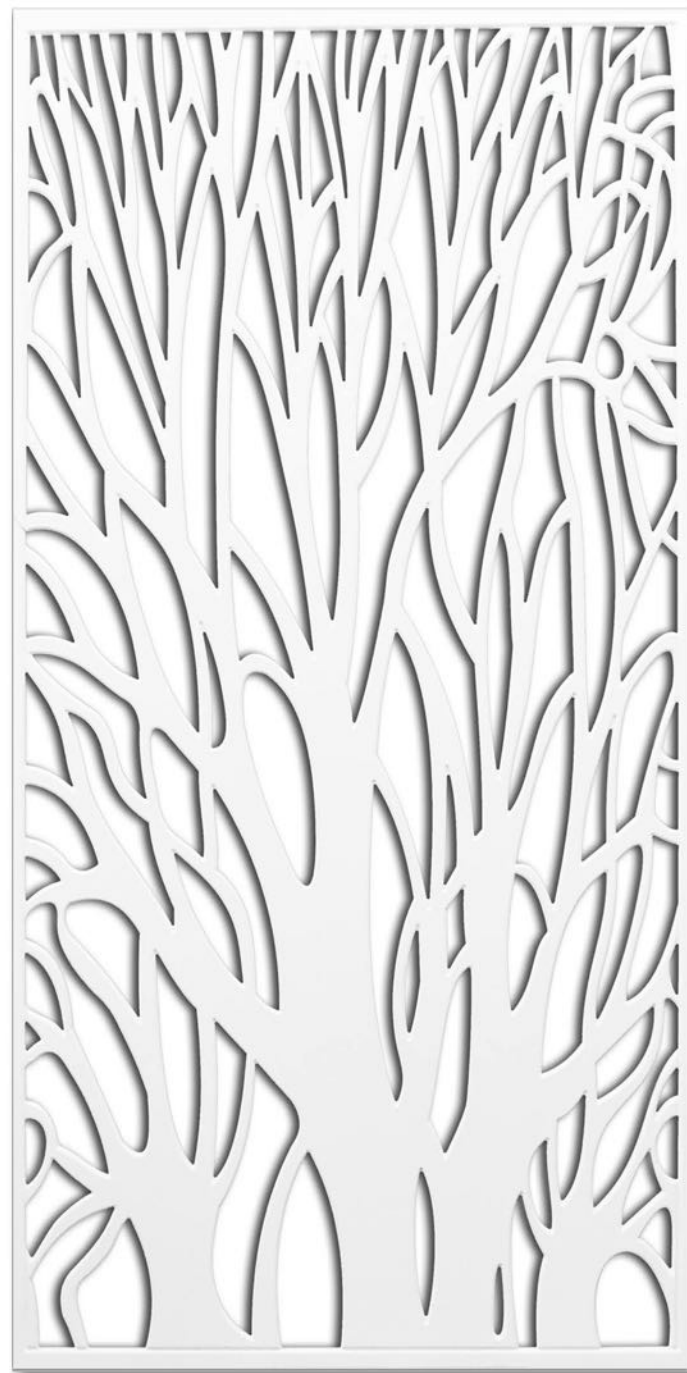
Formaldehyde emission content: 21mg/100g

Rounded edge (both sides)



Edge view





Panel view

**DIVIDERS, SCREENS & CEILINGS – Grille Panel**

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 18mm thick

Finish: Matt white primer

Model code: **GP-063**

**PHYSICAL & MECHANICAL PROPERTIES:**

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

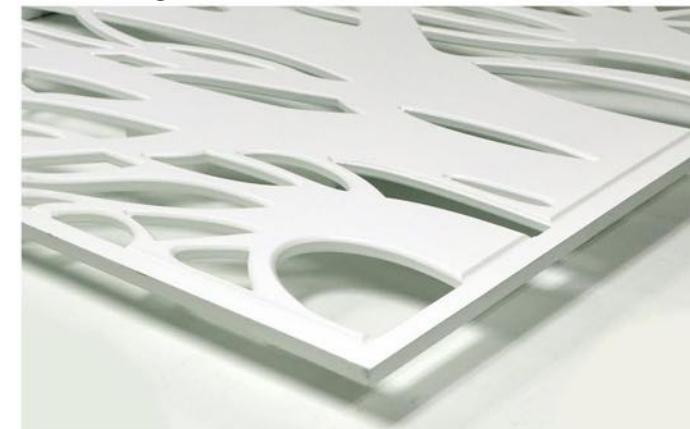
Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

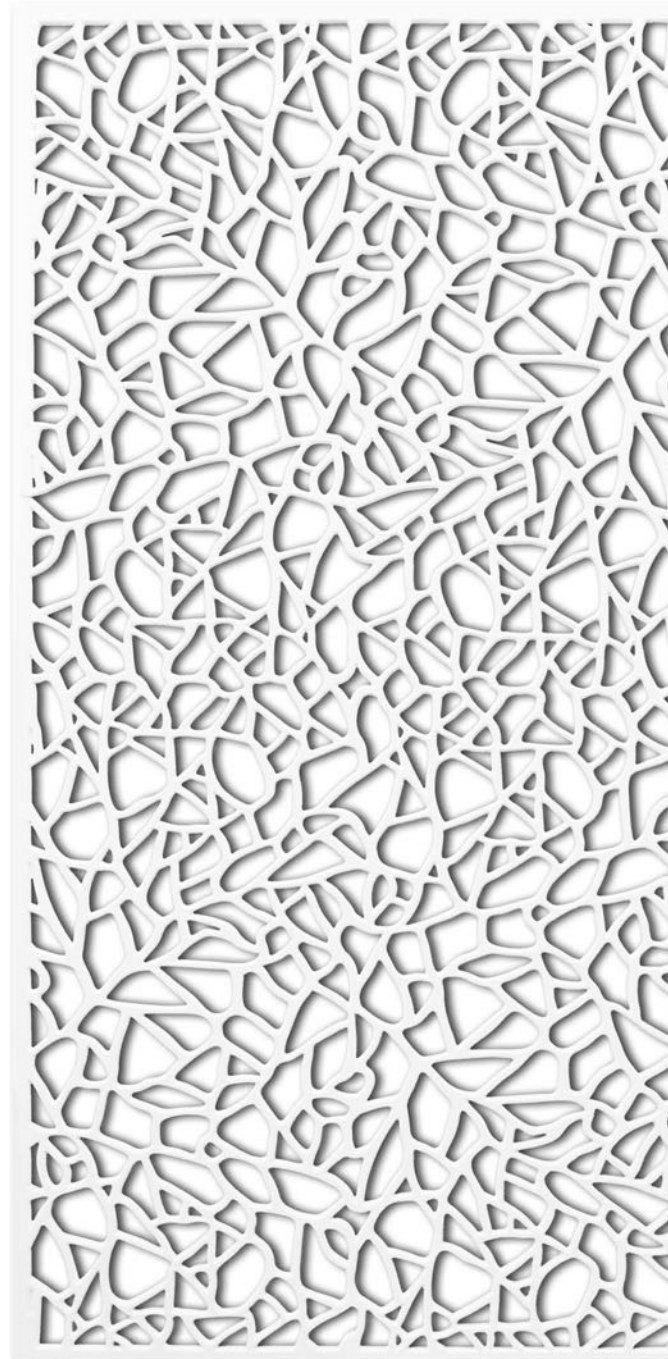
Formaldehyde emission content: 21mg/100g

Rounded edge (both sides)



Edge view





Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 18mm thick

Finish: Matt white primer

Model code: **GP-076**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

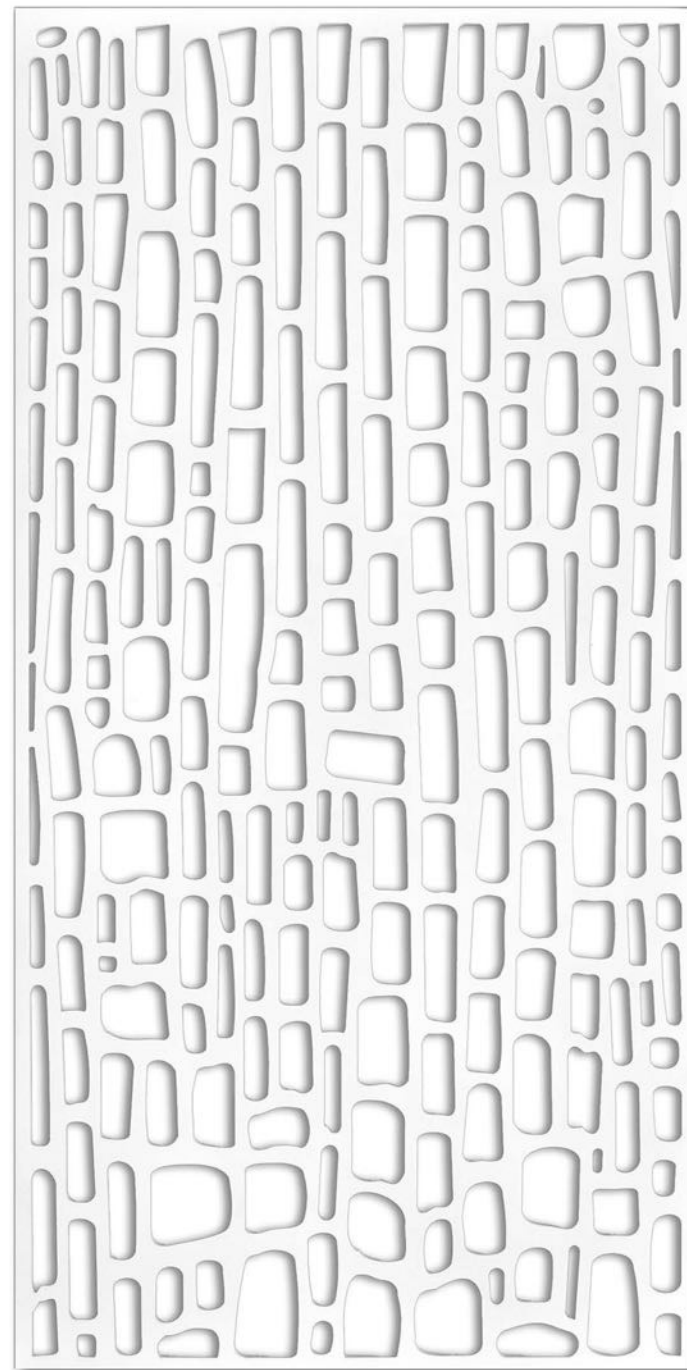
Formaldehyde emission content: 21mg/100g

Rounded edge (both sides)



Edge view





Panel view

**DIVIDERS, SCREENS & CEILINGS – Grille Panel**

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 15mm thick

Finish: Matt white primer

Model code: **GP-763**

**PHYSICAL & MECHANICAL PROPERTIES:**

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

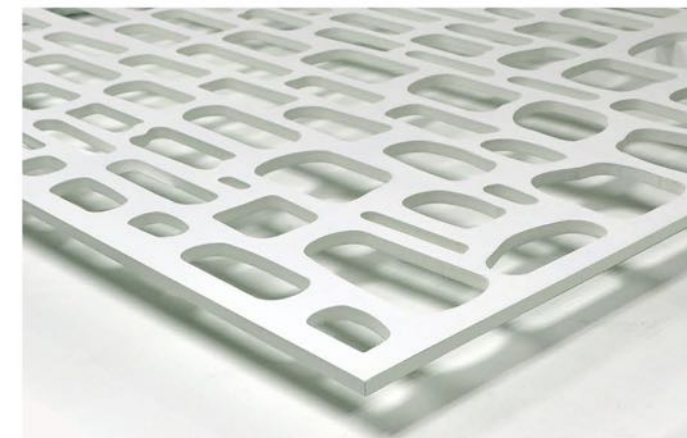
Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

Formaldehyde emission content: 21mg/100g



Edge view





Panel view

**DIVIDERS, SCREENS & CEILINGS – Grille Panel**

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 15mm thick

Finish: Matt white primer

Model code: **GP-768**

**PHYSICAL & MECHANICAL PROPERTIES:**

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

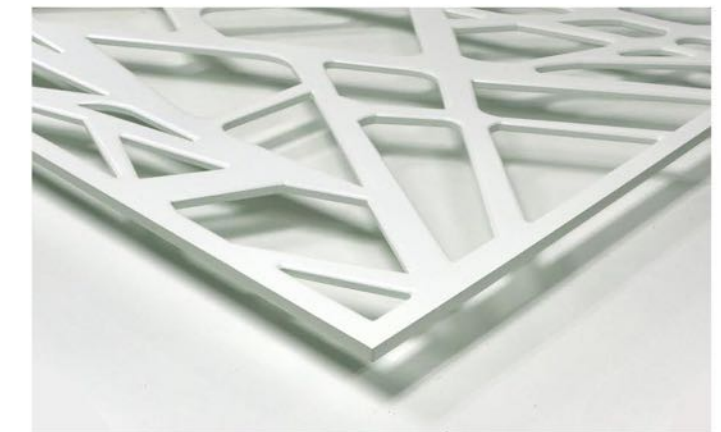
Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

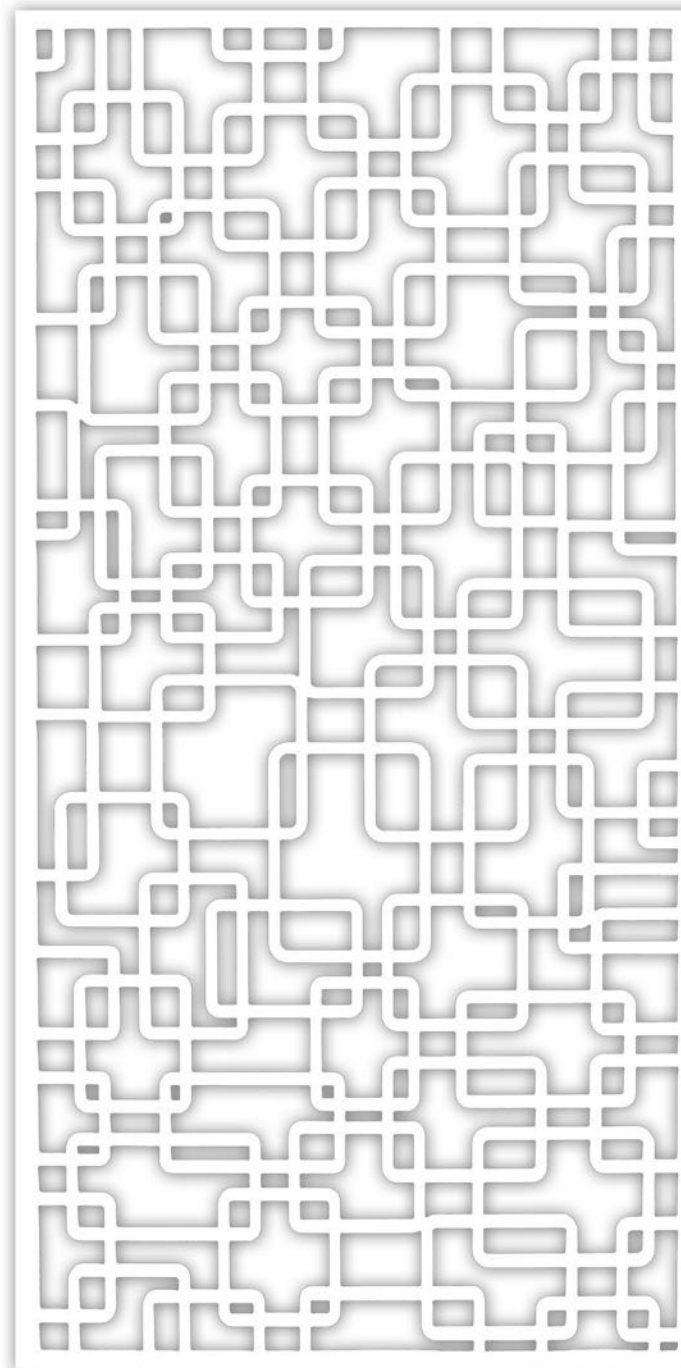
Formaldehyde emission content: 21mg/100g

Rounded edge (both sides)



Edge view





Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 15mm thick

Finish: Matt white primer

Model code: **GP-775**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

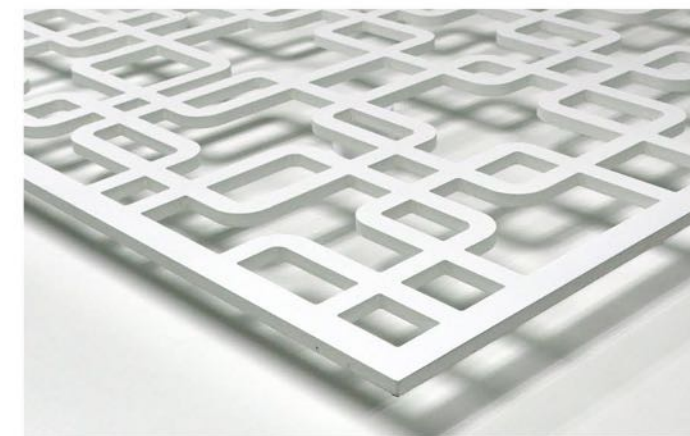
Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

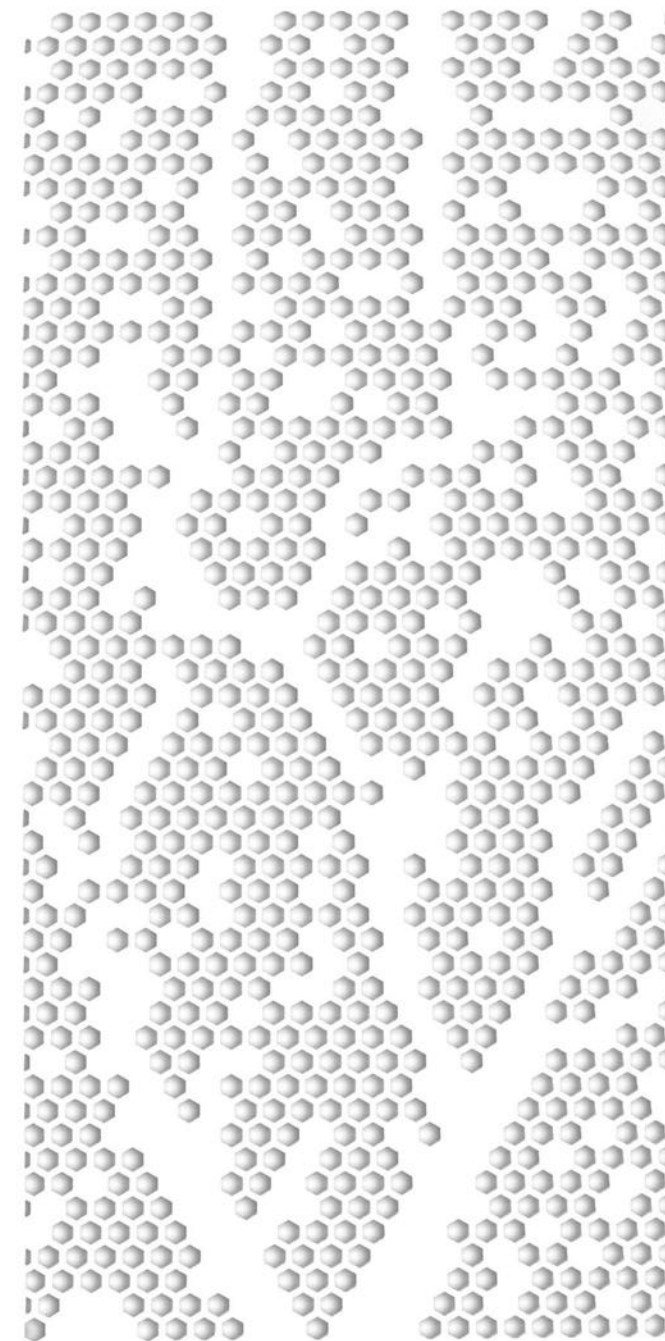
Board density deviation: +7%, -1.3%

Formaldehyde emission content: 21mg/100g



Edge view





Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 15mm thick

Finish: Matt white primer

Model code: **GP-777**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

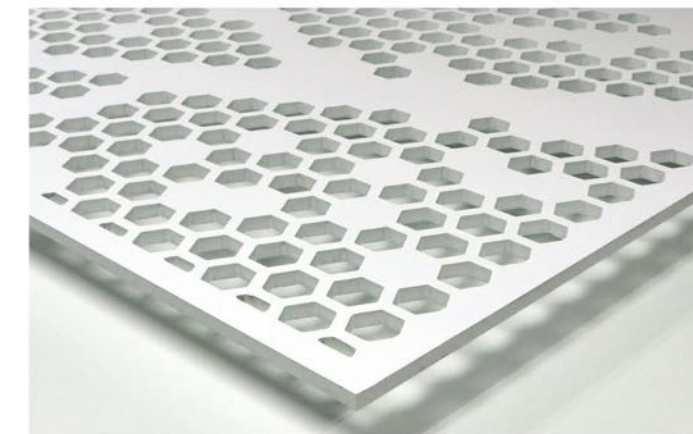
Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

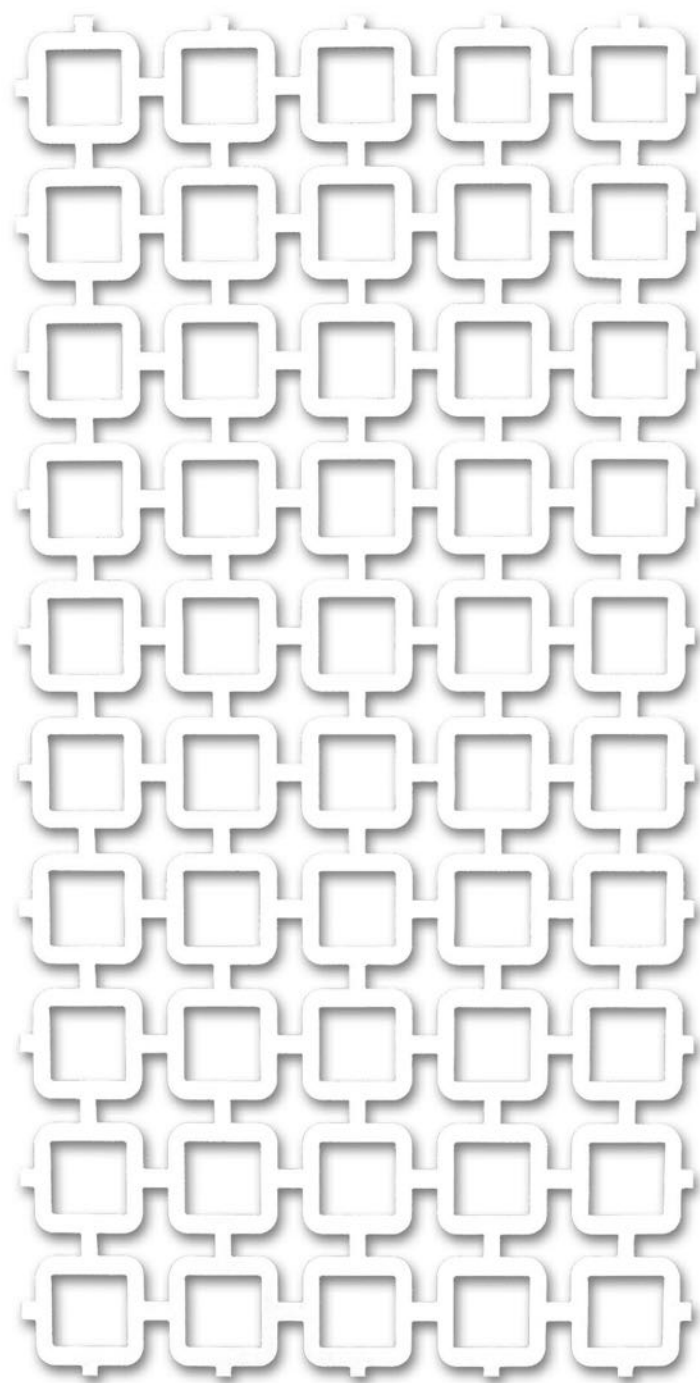
Board density deviation: +7%, -1.3%

Formaldehyde emission content: 21mg/100g



Edge view





Panel view

## DIVIDERS, SCREENS & CEILINGS – Grille Panel

Panel material: **MEDIUM DENSITY FIBREBOARD**

Manufacturing method: CNC cut

Dimension: 1220mm x 2440mm x 15mm thick

Finish: Matt white primer

Model code: **GP-780**

### PHYSICAL & MECHANICAL PROPERTIES:

Internal bonding strength: 0.89 Mpa

Static bonding strength: 36.3 Mpa

Bending modulus: 3420 Mpa

Resistance to screw withdrawal (surface): 1670 N

Resistance to screw withdrawal (side): 950 N

Thickness swelling: 11.7%

Moisture content: 6.4%

Density: 776 kg/m

Board density deviation: +7%, -1.3%

Formaldehyde emission content: 21mg/100g



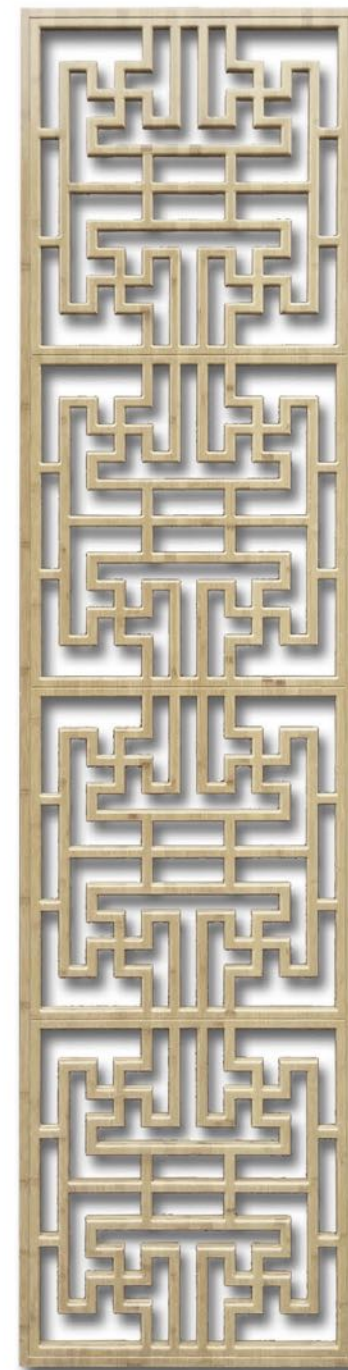
Edge view





DIVIDERS, SCREENS & CEILINGS –  
Layered VeneerGrille Panel

Material: **SOLID STACKED BAMBOO**  
Manufacturing method: CNC cut  
Dimension: 605mm x 2440mm x 20mm  
Finish: Matt clear lacquer  
Model code: **LVG-6001**



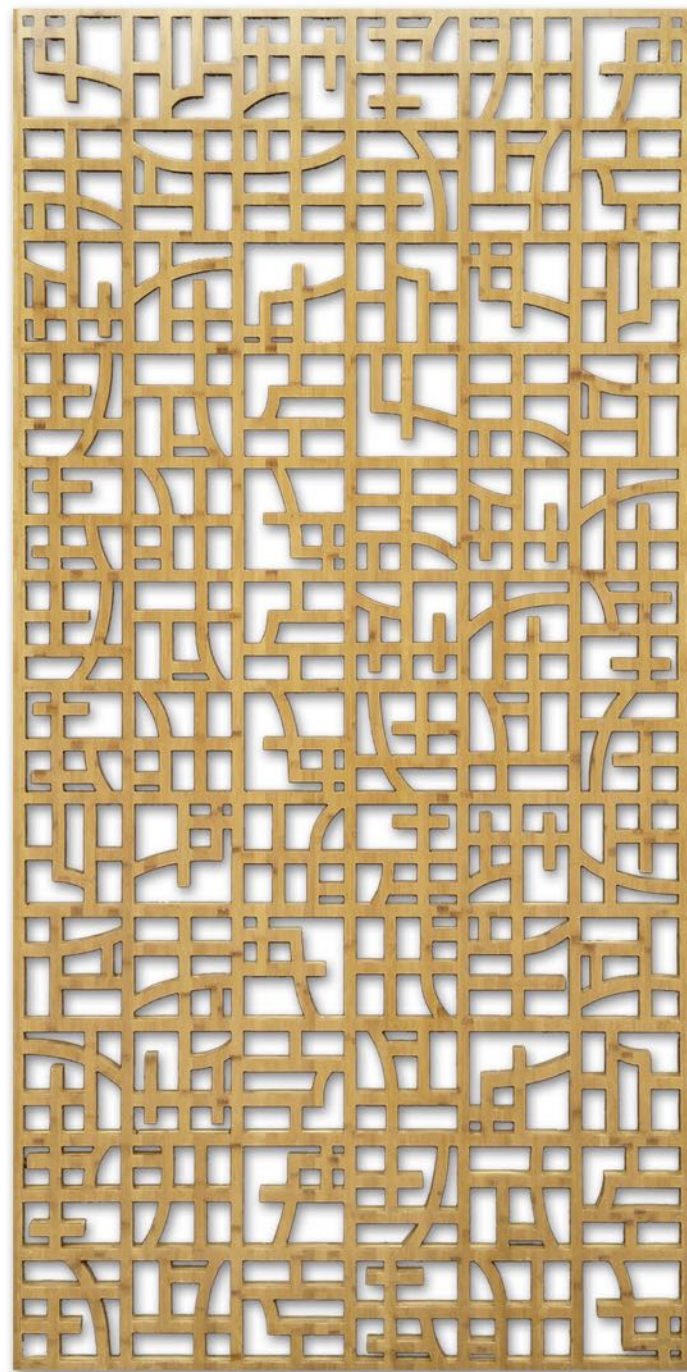
Panel view

Rounded edge (both side)



Edge view



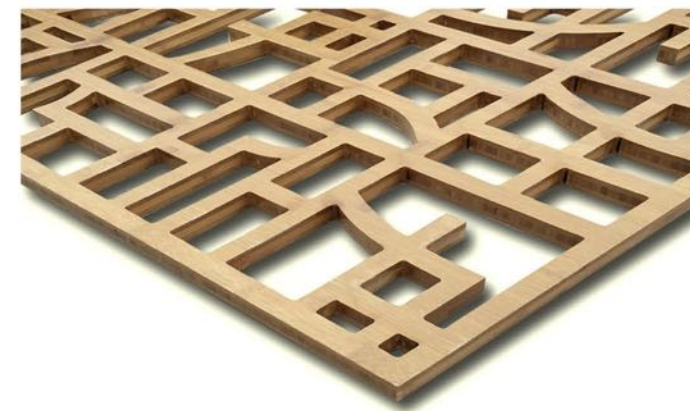


Panel view

DIVIDERS, SCREENS & CEILINGS –  
Layered Veneer Grille Panel

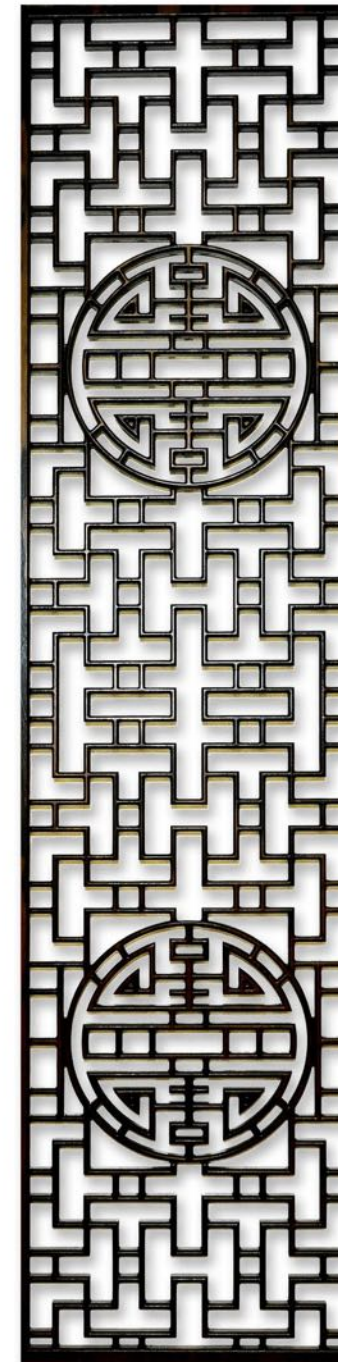
Material: **SOLID STACKED BAMBOO**  
Manufacturing method: CNC cut  
Dimension: 1220mm x 2440mm x 20mm  
Finish: Matt clear lacquer  
Model code: **LVG-6002**

Rounded edge (both side)



Edge view





Panel view

**DIVIDERS, SCREENS & CEILINGS –  
Layered VeneerGrille Panel**

Surface material: **LAYERED VENEER**  
Internal material: **MEDIUM DENSITY FIBREBOARD**  
Manufacturing method: CNC cut  
Dimension: 605mm x 2440mm  
Total thickness: 19mm  
Finish: Matt clear lacquer  
Model code: **LVG-6067**

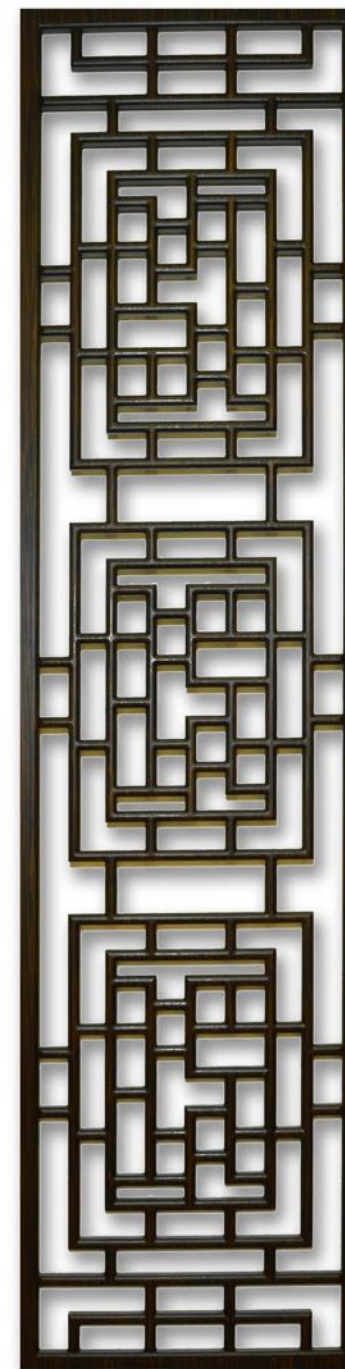
**PHYSICAL & MECHANICAL PROPERTIES OF MDF:**  
Internal bonding strength: 0.89 Mpa  
Static bonding strength: 36.3 Mpa  
Bending modulus: 3420 Mpa  
Resistance to screw withdrawal (surface): 1670 N  
Resistance to screw withdrawal (side): 950 N  
Thickness swelling: 11.7%  
Moisture content: 6.4%  
Density: 776 kg/m  
Board density deviation: +7%, -1.3%  
Formaldehyde emission content: 21mg/100g

Rounded edge (single side)



Edge view





Panel view

**DIVIDERS, SCREENS & CEILINGS –  
Layered VeneerGrille Panel**

Surface material: **LAYERED VENEER**  
Internal material: **MEDIUM DENSITY FIBREBOARD**  
Manufacturing method: CNC cut  
Dimension: 605mm x 2440mm  
Total thickness: 19mm  
Finish: Matt clear lacquer  
Model code: **LVG-6097**

**PHYSICAL & MECHANICAL PROPERTIES OF MDF:**  
Internal bonding strength: 0.89 Mpa  
Static bonding strength: 36.3 Mpa  
Bending modulus: 3420 Mpa  
Resistance to screw withdrawal (surface): 1670 N  
Resistance to screw withdrawal (side): 950 N  
Thickness swelling: 11.7%  
Moisture content: 6.4%  
Density: 776 kg/m<sup>3</sup>  
Board density deviation: +7%, -1.3%  
Formaldehyde emission content: 21mg/100g

Rounded edge (single side)



Edge view