

# TECHNICAL DATA SHEET

## EGGER Thin-MDF Lacquered

**Material:** Decorative, lacquered product with thin MDF as a core board

**Application:** Decorative product for interior Application -  
 Furniture back panels, Foldable elements, Drawer Bottom and Door Blanks



### Board type in line with EN 622 Type 5

Surface properties	Test standard	Units	Value
<b>Gloss level</b>			
	DIN 67530	[Level]	20 ±5
<b>Scratch resistance</b>			
	DIN 68861-4		Strain group 4E
<b>Chemical exposure</b>			
	DIN 68861-1	[level]	1 C
<b>Cross cut test</b>			
	EN 2409	[level]	1-2
<b>Surface failure</b>			
Optic noticeable failure Evaluation in view box	EN 12720	[mm <sup>2</sup> /m <sup>2</sup> ]	1 point ≤ 5.0 2 points ≤ 2.5

General Tolerances	Test standard	Units	Value
<b>Thickness</b>			
Related to the nominal	EN 324-1	[mm]	±0.2
<b>Length and width</b>			
	EN 324-1	[mm/m]	±1.0
<b>Edge straightness</b>			
	EN 622-1	[mm/m]	≤ 1.5

Physical and chemical properties	Core board	Test standard	Units	Value
<b>Fire behaviour category</b>				
Thin-MDF lacquered	MDF	EN 13501-1	[class]	E
<b>Formaldehyde content</b>				
Thin-MDF lacquered	MDF	EN 717-2	[mg/m <sup>2</sup> h]	≤ 3.5
<b>PCP-content</b>				
		EN 13986	[mg/kg]	≤5

### **MATCHING COLOURS AND SURFACES**

If matching colours and surfaces are requested by the customer, there are only slight deviations between reference samples and samples permissible (<1dE).

### **APPLICATION AREA**

EGGER Thin MDF Lacquered wood-based panels are used for decorative interior fittings and furniture construction. Application areas and hazard classes have to be assigned dependent on the used coreboard.

EGGER Thin MDF Lacquered is available in a great variety of decors. Furthermore, laminates, postformed elements and edging materials are available in matching colours.

### **GENERAL NOTES**

Careful inspection of incoming goods is an essential part of proper order processing and is included in the EGGER Group's payment and delivery terms. EGGER recommends that this inspection is carried out using statistical processes. EGGER Thin MDF Lacquered wood-based panels have to be transported and stored with care. It is expedient to store the boards lying down on a flat, level and dry ground in a closed building. Otherwise sealing is necessary to avoid the possible swelling of the edges. The room temperature should not exceed the range between 10°C (50°F) to 50°C (122°F).

### **RESISTANCE TO HEAT**

As regards the temperature stability of EGGER Thin MDF Lacquered one basically has to distinguish between long-term and short-term exposure to heat. Temperatures up to 50°C (122°F) are permissible for long-term exposure to heat, whereas for short-term heat exposure (up to max. one hour) the temperature may rise to max. 90°C (194°F). We expressly point out that permanent heat load of > 50°C (122°F) may lead to cracks in the surfaces. For the mounting of technical devices with heat dissipation we recommend to allow enough space between the source of heat and the lacquered surface in order to avoid heat accumulation and to provide for appropriate carrying-off of heat.

### **FURTHER DOCUMENTS**

Technical data sheets:

EGGER MDF

### **Provisional note:**

This technical data sheet has been carefully drawn up to the best of our knowledge. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development of EGGER Thin MDF Lacquered, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical leaflet should therefore not be considered as instructions for use or as legally binding.