

## Technical leaflet

### EGGER Eurodekor Painting Grade (GFE)

**Material Specification:**

Melamine faced wood-based panel with a specially impregnated paper that is suitable for lacquering

**Area of application:**

Decorative wood based panels for interior uses



### Product type

The EGGER painting grade is a specially impregnated paper having been pressed on EGGER MDF, EGGER Eurospan chipboards or EGGER Eurolight lightweight boards.

### Composition

The EGGER painting grade consists of a special base paper which is impregnated with resins specifically manufactured for the respective applications.

### Application area

MDF and chipboard is particularly suitable for use as coreboards. Furthermore, Eurolight lightweight boards can be used. The coreboard should have an even and smooth surface and should be stress-free.

### Reaction to fire

Egger painting grade meets the requirements of interior construction in the event of a fire. When burning there is little smoke development, no melting or burning droplets. Egger painting grade contains neither chlorine nor other halogens and thus prevents consequential fire damage caused by corrosion on machines and buildings. Unpainted, the Egger painting grade achieves fire behavior class D-s2, d0 according to EN13501-1. The reaction to fire class can change depending on the type and thickness of the coating. Therefore, the respective material combination has to be coordinated for the application.

### Pretreatment of the surface

The lacquer adhesion is rated as "good" thanks to the special properties of the board coated with the EGGER painting grade surface. However, as the processing may leave grease, glue or rubber residues on the surface, we recommend you sanding clean the surface. Normally it is not required to separately prime and undercoat the surface.

### Lacquering recommendations

The EGGER painting grade is particularly suitable for lacquering with DD, PUR, acrylic and water lacquers. With nitrocellulose and UV-lacquers we advise you to contact the lacquer manufacturer for further details. In order to get excellent surfaces with minimum effort, we recommend coordinating the appropriate lacquer types, lacquering methods and adjustments together with the lacquer manufacturer.

We recommend:

Hesse GmbH&Co.  
Lacke und Beizfabrik Warendorfer Straße 21  
D-59075 HAMM  
<http://www.hesse-lignal.de>

ADLER-WERK LACKFABRIK Johann Berghofer  
Bergwerkstr. 22  
A-61 30 Schwaz  
Tel: +43 5242 6922 300  
Fax: +43 5242 6922 399  
email: [verkauf@adler-lacke.com](mailto:verkauf@adler-lacke.com)

## Treatment of milled and cut edges

In order to treat milled and cut edges of MDF boards we recommend the thermosmoothing method developed by the IHD (Institute for Wood Technology, Dresden) in cooperation with the MAKa company.

Contact: <http://www.maka.de>

For covering cut chipboard edges, EGGER offers a ABS edging in painting grade quality.

## Standard surface

Structure Semi Matt (SM)

## Sizes

Standard length: 2.800 mm longitudinal size or according to order

Standard width: 2.070 mm

Standard thickness: 8 - 38 mm

### Provisional note:

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