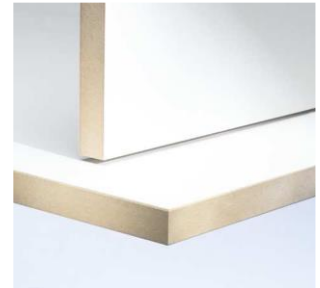


Technical leaflet

Eurodekor Painting Grade (GFE)



Material Specification:

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

Composition

The Eurodekor 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

Eurodekor 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. Eurodekor painting grade contains neither chlorine nor other halogens and thus prevents consequential fire damage caused by corrosion on machines and buildings. Unpainted, the Eurodekor 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.

Conditioning

Wood-based material reacts to changes in ambient conditions with dimensional movement. For this reason, storage and processing conditions for the elements have to correspond as closely as possible to the climate at the subsequent place of use. Prior to installation, wood-based materials need to be conditioned for an adequate period of time at the installation location under the conditions of subsequent use. Compliance with the storage recommendations is required on construction sites as well. Wood-based materials must first be conditioned in the room climate where the processing will take place, so that the temperature of the material corresponds to the room temperature.

Pretreatment of the surface

The lacquer adhesion is rated as "good" thanks to the special properties of the board coated with the Eurodekor 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.

Treatment of milled and cut edges

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

In the case of MDF core boards, cut edges that are to be painted must be pre-treated.

Depending on the cutting quality of the edge, a step-wise sanding up to 240 grit is recommended. The edge should be rounded with a radius of at least 1.5mm. Afterwards the edge has to be primed 1 to 2 times. Please observe the specified drying time and the necessary intermediate sanding according to the lacquer manufacturer's instructions. When using dark finish-colours, we recommend the use of dark spray fillers, matched to the colour tone.

Lacquering recommendations

The Eurodekor 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:

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

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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