

Technical leaflet

EGGER Laminates with pearlescent decor



EGGER Laminates with pearlescent decor are decorative laminates based on curable resins. They have a multi-layer structure and consist of several core layers impregnated with phenolic resin and an impregnated decorative paper with a pearlescent content.

Availability

In the **EGGER Decorative Collection**, selected laminate decors are marked with the symbol "for vertical application only – pearlescent decor". For the following laminates, decor papers with full-surface pearlescent content are used:

- F323 ST20
- F434 ST20
- F500 ST20
- F527 ST20
- F528 ST20

Technical data

EGGER Laminates with pearlescent decor are classified as type **ATP** (Pearlescent Thin laminate < 2 mm Postformable), according to EN 438-8.

Property	Test standard	Unit or feature	Value
Resistance to impact by small diameter ball	EN 438-2	N (min.)	≥ 15
Resistance to scratching	EN 438-2	Rating (min)	2
Resistance to water vapour	EN 438-2	Rating (min)	3
Resistance to staining	EN 438-2	Rating (min.) Groups 1 and 2 Group 3	5 4
Lightfastness (Xenon arc lamp)	EN 438-2	Grey scale rating	4 ¹⁾

¹⁾ Extraneous darkening and/or photocromism are due to the shock effect of accelerated exposure and are not characteristics of natural exposure.

Technical application note

The standard defines the decorative paper used as "decorative paper with pearlescent effect". The use of pearlescent pigments creates a different colour impression and a light to dark changing effect depending on the incidence of light and the viewing angle, which is the special charm of these decors. To achieve this optical effect with the pearlescent pigments, no overlay is used. For this reason, EN 438-8 does not specify a product requirement for surface abrasion. In addition to the special optical effect of pearlescent decors, they are classified as more critical and sensitive in all respects compared to conventional print decors. Therefore, it is recommended to use these laminates **only for vertical areas**.

Care and cleaning recommendation

EGGER Laminates with pearlescent decor do not require any special care due to their resistant and hygienic, dense surfaces. The surfaces are generally easy to clean. This also applies to textured surfaces. Do not use sanitary cleaners or detergents with abrasive components, as using such cleaners may lead to changes in the degree of gloss and/or scratch the material.

For detailed information, please refer to the leaflet "Cleaning and care recommendations for EGGER product surfaces".

Additional documents / Product information

You will find further information in the following documents:

- Processing Instructions "EGGER Laminates"
- Technical leaflet "Resistance to chemicals EGGER Laminates"
- Technical leaflet "Cleaning and care recommendations for EGGER product surfaces"

Provisional note:

This technical leaflet has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience, in-house testing and reflects our current level of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development of EGGER Laminates Pearlescent, as well as from changes to standards and public law documents. The contents of this technical leaflet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.