

Technical data sheet



EGGER PerfectSense Ambiance Square Edged Worktops

Description

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| Description: | EGGER PerfectSense Ambiance Square Edged Worktops |
| Model: | 100/1.5 |
| Substrate: | Raw Chipboard |
| Top side: | PerfectSense Ambiance Laminate |
| Reverse side: | Balancer |
| Nominal thickness: | 20 mm |
| Edging: | PerfectSense ABS Edging, 1.5 mm |
| ABS edge bonding: | PUR-Hotmelt |

Availability

EGGER PerfectSense Ambiance Square Edged Worktops are part of the **EGGER Decorative Collection**. They are available in selected decors from stock and in quantities of one, according to the country-specific delivery lists.

Technical data

| Property | Test standard | Unit or feature | Value |
|---|---------------|--|-------------------|
| Resistance to surface wear | EN 438-2 | Revolutions Initial point | ≥ 150 |
| Resistance to impact by small diameter ball | EN 438-2 | N | ≥ 15 |
| Resistance to scratching | EN 438-2 | Rating | ≥ 4 ¹⁾ |
| Resistance to water vapour | EN 438-2 | Rating (min.) | 4 |
| Resistance to dry heat (160 °C) | EN 438-2 | Rating (min.) | 4 |
| 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 to 5 |

| Property | Test standard | Unit or feature | Value |
|---------------------|---------------|--|--|
| Thickness tolerance | EN ISO 13894 | mm | ± 0.40 |
| Length tolerance | - | mm | - 5 / + 10 |
| Width tolerance | EN ISO 13894 | mm > 500 mm | ± 0.5 add. ±0.05 per 100 mm |
| Straightness of cut | EN ISO 13894 | mm | ± 0.5 per 1,000 mm length |
| Angular accuracy | EN ISO 13894 | mm | ≤ 2.0 per 1,000 mm length |
| Flatness | EN ISO 13894 | max. deviation ²⁾ ≤ 600 mm 601 to 700 701 to 800 801 to 900 901 to 1,000 1,001 to 5,600 | 0.9 mm 1.1 mm 1.3 mm 1.6 mm 2.0 mm 2.0 mm per metre ³⁾ |

¹⁾ ≥ 90 % continuous double circle of scratch marks clearly visible.

²⁾ Maximum concave or convex deviation, Referring to the front side of the worktop. Numerous factors, including changes in temperature and relative humidity such as are encountered on building sites, may cause boards and panels to bow and twist irreversibly. This requirement is therefore only applicable at the time of delivery.

³⁾ For worktops > 1,000 mm, the measurements must be carried out using a warpage measuring device with a length of 1,000 mm.

Technical application note

The PerfectSense Ambiance surface is based on a UV lacquer finish with anti-fingerprint properties. The lacquer surface has a synchronous two-gloss effect that is coordinated with the décor image. The majority of the lacquer surface is super matt and these areas have "no texturing", so signs of wear may appear when subjected to mechanical stress. With medium to dark printed decors, traces of use are more noticeable than with light decors. This is not a functional impairment of the surface, but an impairment based on visual aspects.

Due to the low nominal thickness of the EGGER PerfectSense Ambiance worktops edged from 20 mm, base cabinets that are wider than 600 mm may result in visible deflection of the worktop under heavy punctual loads. In order to reduce this material-related deflection, the construction of the base cabinets must be adapted to this. Likewise, the low worktop thickness requires the use of coordinated fittings. Professional installation of the corner joints of the EGGER edged worktops is ensured by the use of EGGER worktops connectors

Slight colour deviations in the same product are possible due to tolerances in the primary materials used. Components that are used next to each other should therefore be checked for colour uniformity. A deviation in colour and surface between the EGGER reference colour sample and the customer's test piece is permissible in accordance with EN 438.

Due to the production that differs by product, colour and surface differences can also occur between different products (e.g. faced board, laminate, edging) with the same decor-texture combination. For an accurate representation of the colour, order a sample in the relevant product.

Care and cleaning recommendation

EGGER PerfectSense Ambiance Square Edged Worktops do not require any special care due to their resistant and hygienic, dense surfaces. The surfaces are generally easy to clean. 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. Refatting agents, as used in some cases in plastic cleaners, also lead to changes in the gloss level and, in order to maintain anti-fingerprint properties, must be removed without residue from the surface.

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 Worktops"
- Processing Instructions "EGGER Splashbacks"
- Technical data sheet "EGGER Splashbacks"
- Technical data sheet "EGGER PerfectSense ABS Edging"
- Technical leaflet "EGGER Worktop Connectors"
- Technical leaflet "EGGER Sealing for Corner Joints"
- Technical leaflet "Resistance to chemicals EGGER Laminates"
- Technical leaflet "Cleaning and care recommendations for EGGER product surfaces"

Provisional note:

This technical data sheet 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 PerfectSense Ambiance Square Edged Worktops, as well as from changes to standards and public law documents. The contents of this technical data sheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.