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Quality management ISO 9001



Coding: TD TSE UK EN
Revision: 00
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Technical datasheet

EGGER Thin Square Edged Worktop



Description

Description:	EGGER Thin Square Edged Worktop
Model:	100/1.5
Substrate:	MDF, 16 mm
Top side:	Laminate
Reverse side:	Laminate
Bonding:	PVAc glue D3 (EN 204)
Edging:	ABS-Edging, 1.5 mm
ABS-edge bonding:	PUR-Hotmelt

Availability

The EGGER Thin Square Edged Worktop is part of the **EGGER Decorative Collection**. It is available in selected decor/structure combinations ex stock and from just on piece upwards, according to the country-specific availability guides.

Quality characteristics / Technical data

The quality characteristics of worktops are primarily defined by the product properties of the laminate and the substrate. The normative product properties of EGGER Laminate and the MDF-board are listed in the following.

Property	Test standard	Unit or feature	Value
Resistance to surface wear	EN 438-2	revolutions (min.) initial point	150
Resistance to impact by small diameter ball	EN 438-2	N (min)	≥ 15
Resistance to scratching	EN 438-2	Rating (min) textured finishes	3
Resistance to water vapour	EN 438-2	Rating (min.) other finishes	4
Resistance to dry heat (160 °C)	EN 438-2	Rating (min.) other finishes	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 ¹⁾	Test standard	Unit or feature	Value
Bending strength	EN 310	N/mm ² >12 – 19 mm	20.0
Internal bond strength	EN 319	N/mm ² >12 – 19 mm	0.55
Surface soundness ²⁾	EN 311	N/mm ²	1.00
Durability class adhesive	EN 204	Group	D3

¹⁾ Values shown refer to the use of MDF E1 TSCA ST CE EAC

²⁾ The result indicated is a mean value.

Tolerances / Dimensions

Property	Test standard	Unit or feature	Value
Length tolerance	-	mm	-5/+10
Width tolerance	EN ISO 13894	mm >500 mm	± 0.50 add. ± 0.05 per 100 mm
Thickness tolerance	EN ISO 13894	mm	± 0.50
Straightness of cut	EN ISO 13894	mm	± 0.50 per 1,000 mm length
Angular accuracy	EN ISO 13894	mm	≤ 2.00 per 1,000 mm length
Flatness	EN ISO 13894	max. deviation (front side) ≤ 300 mm 301 to 500 501 to 600 601 to 700 701 to 800 801 to 900 901 to 1,000 1,001 to 5,600	0.50 mm 0.80 mm 0.90 mm 1.10 mm 1.30 mm 1.60 mm 2.00 mm 2.00 mm per Meter ³⁾

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

Specials

Due to the small thickness of the EGGER PerfectSense Topmatt worktop with edging, the worktop could deflect visibly under heavy point loads when the cabinet is wider than 600 mm. In order to reduce this deflection, the construction of the cabinet must be adapted to accommodate this. We recommend the use of **EGGER Metal traverses** for the construction of these cabinets, in particular sink and cooker cabinets.

Similarly, the low thickness of the worktop requires the use of coordinated fittings. A professional assembly of the corner connection of the EGGER PerfectSense Topmatt worktop with edging is guaranteed by the use of **EGGER Worktop connectors**. For the assembly of conventional sinks we recommend the **EGGER Fastening set for sinks**.

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Additional documents / Product information

You will find further information in the following documents:

- Processing Instructions “EGGER Worktops”
- Technical leaflet “Chemical Resistance EGGER Laminate”
- Technical leaflet “EGGER Laminate Cleaning and Use Instructions”
- Technical leaflet “EGGER Metal traverse”
- Technical leaflet “EGGER Fastening set for sinks”
- Technical leaflet “EGGER Worktop connector”
- Technical leaflet “EGGER sealing for corner connections”

Provisional note:

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



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