

Product Data Sheet

Premium Star – Supergloss

Fundermax
For you to create

MATERIAL DESCRIPTION: Decorative, UV lacquered wood-based material // Support panel MDF

APPLICATION: Decorative wood-based panels for vertical application in the interior.

General requirements:

Properties	Test Method	Tolerance	Value	Unit
Length		± 2,0	2800 (MDF)	mm
Width		± 2,0	2070	mm
Cuts Length/Width		± 2,0		mm
Thickness		± 0,3	10,3 – 28,3	mm
Bending	EN 14323	± 2,0	–	mm/m

Surface defects:

Properties	Test Method	Unit
Surface Coating		UV – coating
Surface appearance	EN 438-2 Kap. 4	According to EN 438-3 Kap. 6.2.5.2 Dirt, stains and similar surface defects: max. 1,0 mm ² /m ² Fibres, hair and scratches: max. 10 mm/m ²
Colour deviation compared to test sample / reference decor	EN 14323:2017 5.8	level 4: slight deviation in colour and / or surface
Gloss Level	EN 13722:2004	Measuring angle 20°: ≥ 83 GE (± 3 GE against master/reference)
Laquer adhesion (Cross-cut test)	ISO 2409:2013	Cross cut ≤ 1
Lightfastness	DIN EN 15187	Blue standard 6: grey scale ≥ 4

Climate Conditions:

Properties	Test Method	Unit
Humid climate / humidity resistance	AMK-MB-005:07/2007	Optical: No visible surface changes (cracks, bubbles, delamination of the coating material)
Temperature resistance	AMK-MB-001:07/2007	Optical: No visible surface changes (cracks, bubbles, delamination of the coating material)
Climate change resistance	DIN 68930:2009 3.3.1 3 cycles	Optical: No visible surface changes (cracks, bubbles, delamination of the coating material, colour change*)
	AMK-MB-005:07/2007 20 cycles	Optical: No visible surface changes (cracks, bubbles, delamination of the coating material, colour change*)

* Colour measurement after 7 days of light storage of the samples in a room climate.

Note:

This document has been drawn up to the best of our knowledge and with special diligence. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies.

Technical Properties (according to DIN 68930:2009 3.2.2):

Properties	Test Method	Unit
Chemical stress	DIN EN 12720	DIN 68861-1: ≥ 1 C (1A for selected substances**)
Scratch resistance	DIN EN 15186 Verf. B	DIN 68861-4: 4C ($\geq 2,0$ N)
Abrasion resistance	DIN EN 15185	DIN 68861-2: $\geq$ level 2 E
Dry heat	DIN EN 12722	DIN 68861-7: 7 C (100 °C, level 5)
Wet heat	DIN EN 12721	DIN 68861-8: 8 B (75 °C, level 5)

** Test substances: Acetone, ethyl-butyl acetate, disinfectants, cleaning agents, 10% acetic acid, 10% citric acid, 48% ethyl alcohol, red wine, cola

Application

Premium Star is primarily used for vertical decorative applications in the interior. This product is not recommended for horizontal applications with load requirements.

Disclaimer

As a result of the constant further development of our products or any changes in the relevant standards and legal requirements, no legal claim can be derived from the information in this product data sheet!

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