

Technical Data Sheet

pure.direct.matt



Material

Substrate: MDF 2800x1250x16 mm, back side white coated with acrylic lacquer
 Surface: HotCoating system, surface protection transparent PE film

Product properties	Norm	Value
Gloss level	DIN 67530	< 5 GU (60°)
Scratch resistance	IHD-W-462 / 14323 / 438-2	> 1,0 N, Method B
Abrasion resistance	DIN 68 861 T2	> 350 turns
Chemical resistance	DIN 68 861 T1	fulfilled
Adhesion strength	DIN EN ISO 2409 / IHD-W-464	GT 1
Tape resistance	IHD-W-463	0 / (16h;7d and 21d)
Light exposure	DIN EN 438-2	Level 5
Shock resistance	EN 438-2	15 N
Cracking /dry heat	EN 14323	Level 5
Moisture and climate resistance	Test module 4 „Resistance to Changing Climate“	Passed
Cold - Check - Test	Cold - Check - Test (1h +50 °C / 1h -18 °C / 1h 20 °C)	Passed (24 cycles)
Surface defects (points)	EN 14323	2 mm ² per 1 m ²
Surface defects (length)	EN 14323	20 mm/m
Moisture and climate resistance	Test module 4 „Resistance to Changing Climate“	Passed

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Surface defects (length):

Fibers, hairs, scratches, etc. The permissible size of the defect is determined by the ratio 20mm per 1m of surface and is therefore proportional to the measurements of the surface being assessed. The total number of permissible defects can be concentrated on one spot or distributed across an unlimited number of smaller defects.

Example: Permissible defect size is 20mm per 1m

The permissible absolute defect size is calculated as follows:

$$\frac{\text{panel length} \times \text{panel width}}{1.000.000} \times \text{defect size}$$

Surface defects (points):

Dents, raised spots, sunken spots, imprints, ridges, etc. The permissible size of the defect is determined by the ratio 2mm² per 1m² of surface and is therefore proportional to the measurements of surface being assessed. The total number of permissible defects can be concentrated on one spot or distributed across an unlimited number of smaller defects.

Example: Permissible defect size is 2mm² per 1m²

The permissible absolute defect size is calculated as follows:

$$\frac{\text{panel length} \times \text{panel width}}{1.000.000} \times \text{defect size}$$

Defect Evaluation Criteria:

The evaluation of the above mentioned topics are conducted under lighting similar to daylight (5000 Kelvin) and a viewing distance of at least 700mm. Using this test method, defects which are not visible will be accepted!

Maintenance and Cleaning Instructions

The pure.direct.matt surface is protected with a PE protective film (transparent film). After removal of the PE protective film, the surface is ready for daily use. Additional polishing is not necessary. A mild soap solution is sufficient for cleaning.

Important: The use of abrasive cleaning and scouring agents can result in damage. Do not use cleaning agents which contain alcohol, are abrasive or corrosive!

PE Protective Film:

The protective film is suitable for protecting sensitive surfaces against mechanical damage and contamination during transport, processing, storage and assembly. **The film is UV and weather resistance for up to 3 months after lamination.** The film doesn't contain plasticizers or hard metals and can be fully recycled.



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