

技术数据表

TECHNICAL DATASHEET

爱格 PerfectSense® 极致肌理和极致同步木纹烤漆饰面板 Egger PerfectSense® Texture and Feelwood Lacquered Boards



材质说明

Material description:

装饰性、UV 烤漆木质板材

Decorative, UV coated wood-based material

基于爱格刨花板 Eurospan 芯板 – 板型符合欧洲标准 EN 312

based on Egger Eurospan core boards – board type according EN 312

用途：室内使用的饰面人造板

Use: Decorative wood-based panels for interior uses

爱格刨花板 Eurospan - 板型符合欧洲标准 EN 312 Egger Eurospan - board type according to EN 312

对于 PerfectSense® 极致肌理和极致同步木纹烤漆饰面板，爱格使用符合欧洲标准 EN 312 的爱格刨花板 Eurospan E1E05 TSCA P2 CE ST 作为标准芯板。产品性能和甲醛释放量直接与使用的芯层材料和双饰面板厚度有关。更多详细信息请参考爱格官网中的芯层材料技术数据表：www.egger.com。

For PerfectSense® Texture and Feelwood lacquer boards our Egger Eurospan E1E05 TSCA P2 CE ST core boards in accordance with EN 312 are used as standard. Information on the mechanical properties and formaldehyde emissions is directly related to the core material used and the panel thickness. For detailed information, please refer to the respective technical data sheets of the core materials, available at www.egger.com.

PerfectSense® 极致肌理和极致同步木纹烤漆饰面板 - 一般公差 PerfectSense® Texture and Feelwood – General tolerances

	测试标准 Test standard	单位 Unit	厚度范围 ^{*1)} Thickness range ^{*1)}		
			<15mm	15-20mm	>20 mm
厚度 Thickness					
极致肌理 Texture	EN 14323	[mm]	±0.3	±0.3	±0.5
极致同步木纹 Feelwood 此处指成品烤漆表面 ^{*2)} related to the finished size ^{*2)}	EN 14323	[mm]	+0.5/-0.3	+0.5/-0.3	±0.5
长度和宽度 Length and width					
工厂库存标准尺寸 commercial available size	EN 14323	[mm]	±5	±5	±5
加工后尺寸 cut-to-size boards	EN 14323	[mm]	±2.5	±2.5	±2.5
表面平整度 Flatness	EN 14323	[mm/m]	--	≤2 ^{*3)}	≤2 ^{*3)}
边缘损坏 Edge damage					
工厂库存标准尺寸 commercial available size	EN 14323	[mm]	≤10	≤10	≤10
加工后尺寸 cut-to-size boards	EN 14323	[mm]	≤3	≤3	≤3

PerfectSense® 极致肌理和极致同步木纹烤漆饰面板 - 表面特性 PerfectSense® Texture and Feelwood – Surface properties

质量特征 Quality feature	测试标准 Test standard	等级 Class	指标 Value	单位 Unit
耐划痕 Scratch resistance	EN 438-2	≥ 2级 ≥ Grade 2	≥ 2 ^{*4)}	[N]
耐微刮擦 Micro scratch resistance				
极致肌理/同步木纹 Texture / Feelwood	符合 DIN CEN/TS 16611 according DIN CEN/TS 16611	A	+1	光泽点 Gloss point
极致肌理 Texture		B	3	-
极致同步木纹 Feelwood		B	4	-

耐化学腐蚀 Resistance to chemicals				
	DIN 68861-1 / EN 12720	1B	-	-
表面抗菌特性 Antibacterial properties				
	ISO 22196	[等级] [level]	经认证的表面抗菌特性 certified antibacterial property	
漆膜表面附着力 Cross-cut				
	EN ISO 2409	GT 0 - 1	-	-
光泽度 Gloss level				
	EN ISO 2813	60°	3 ± 2	GU
耐蒸气 Steam resistance				
	EN438-2	≥ 5级 ≥ Grade 5	-	-
耐干热 Resistance to dry heat				
	EN 438-2	≥ 4级 ≥ Grade 4	140	°C
耐湿热 Resistance to wet heat				
	EN 438-2	≥ 4级 ≥ Grade 4	100	°C
耐光色牢度 Light fastness				
	EN 438-2	灰度卡 4 Grey scale 4		
耐潮湿气候性 Wet climate resistance ⁵⁾				
气候 40 ± 2 °C; 相对湿度 85 ± 5%; 持续时间 14 天 Climate 40 ± 2 °C; relative humidity 85 ± 5%; duration 14 days	AMK-MB-005, 模块2 AMK-MB-005, module 2	无间隙形成或边缘破裂 No gap forming or edge breaking		
耐气候交替 Alternating climate resistance ⁵⁾				
10 个周期: 气候 -20 ± 2 °C 条件下 1 小时; 气候 -20 ± 2 °C / 湿度 85 ± 5% 条件下 3 小时; 气候 60 ± 2 °C / 湿度 55 ± 5% 条件下 3 小时 10 cycles: 1h Climate -20 ± 2 °C; 3h Climate -20 ± 2 °C / humidity 85 ± 5%; 3h Climate 60 ± 2 °C / humidity 55 ± 5%	AMK-MB-005, 模块3 AMK-MB-005, module 3	无表面开裂、无变色、无缝隙形成或边缘破裂 No surface cracking, no discoloration, no gap forming or edge breaking		
按照 AMK-MB-009 来判定表面瑕疵 Surface defects according to AMK-MB- 009				

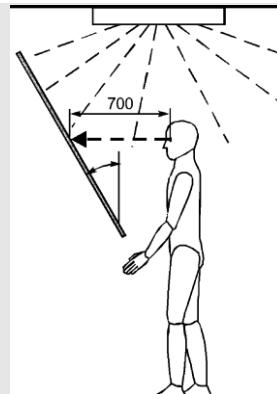
相距 0.7m 距离时，未观察到平坦表面上存在明显瑕疵。如果表面没有达到无暇效果，允许存在细微瑕疵及不规则不平整的情况。表面瑕疵仅限于在观察距离为 0.7m 时且以 30° 视角检查时可以辨认并且面积大于 1.0mm² 的瑕疵。每平方米内最多允许存在一个瑕疵。

On an even surface, defects must not appear at a distance of 0.7meters. Where surfaces without any defects cannot be realized, small flaws and irregularities in the surface are admissible. Surface defects are only those defects, which are greater than 1.0mm² and recognized when examining the surface at a distance of 0.7meters and an angle of view of about 30°. The defined maximum is 1 defect/m².

以下框架条件适用：

The following framework conditions apply:

- 观察距离：700 mm
Viewing distance: 700 mm
- 光照强度：1000 – 2000 lx
Lighting intensity: 1000 – 2000 lx
- 倾斜角度：与垂直方向呈 30°
Inclination angle: 30° to the vertical
- 光线类型（日光、色温）D 65: 6500 K
Type of light (daylight, color temperature) D 65: 6500 K
- 观看持续时间：最长 20 秒
Viewing duration: max. 20 seconds



1) 相对标称值

Relative to the nominal value

2) 成品尺寸是指板材最终厚度，包括顶部和底部涂层，不含保护膜。

The finished dimension is the final thickness of the sheet including the coating on the top and bottom side without protective film.

3) 仅适用于均衡构造的表面

Only with balanced construction of surfaces

4) 在 N（牛顿）的作用下，出现 ≥90% 连续且清晰可见的双圈划痕

With ≥ 90 % continuous and clearly visible double circles as scratch marks in N

5) 参考匹配的爱格封边带（PU 胶粘）的部件测试

Refers to the component test with matching Egger edge band (PU-glued)

一般注意事项

General notes

验收时仔细检查应收货物是正确处理订单的重要组成部分，并且爱格集团的付款和交货条款中包含了相关规定。爱格建议根据常用统计方法进行此类检查。必须小心运输和存放爱格 PerfectSense® 极致系列烤漆饰面板。建议将板材存放在封闭建筑内内平坦且干燥的基座上，表面覆有盖板。最高堆放高度为 1.5m（4 托）。室内存放温度范围为 10° C 至 50° C，相对湿度 65%。如果存放条件出现偏差，建议单独密封包装产品以确保稳定质量。安装前，建议先养生板材。更多详情请访问 www.egger.com。Careful inspection of incoming goods is an essential part of proper order processing and is included in the EGGER Group's payment and delivery terms. Egger recommends that this inspection is carried out using general statistical processes. PerfectSense lacquered boards must be transported and stored with care. It is expedient to store the boards lying down on a flat, level and dry ground, with a cover board in a closed building. The max. stacking height is 1.5m (4 packages). The room climate should correspond to a temperature range of 10°C to 50°C and a relative humidity of 65%. In case of deviating conditions, it is recommended to pack the products separately to ensure stable quality. Before installation, it is recommended to condition the product to the expected climate of use. For further information, please visit www.egger.com.

注：爱格 PerfectSense 系列烤漆饰面板的保护膜必须在加工后立即去除，且不得晚于交货后 5 个月内，以确保保护膜移除后无残留。带有保护膜的产品不得暴露在直射阳光（紫外线辐射）下。

Note: PerfectSense lacquered boards protective film must be removed immediately after processing, but no later than 5 months after delivery to ensure residue-free removal of the film can. Foiled products shall not be exposed to direct sunlight (UV radiation).

颜色匹配和表面纹理

Colour matching and surface texture

由于表面装饰纸和基材的内在差异会造成颜色的细微偏差，我们建议并非使用的相邻组件从同一生产批次中进行选择以确保颜色相容。

Since slight variations in colour will occur due to inherent variation in the surfacing papers and the substrate, we recommend that components which are used side by side should be selected from the same production batch to ensure colour compatibility.

依据标准 EN14323，爱格参照样品和测试样本之间可以存在颜色和表面处理上的轻微偏差（符合4级）。对于珠光表面以及金属花色，依据标准 EN14323 允许 3 级偏差。

A slight deviation of colour and surface finish according to Class 4 acc. to EN14323 between the EGGER reference sample and the test specimen is permitted. For pearlescent and metallic decors, a deviation of Class 3 acc. to EN14323 is permitted.

耐高温

Resistance against heat

爱格 PerfectSense 极致系列烤漆饰面板产品的耐高温性根据热暴露时间长短而有所不同。对于长时间持续的热暴露，可以适应的最高温度为 50°C (122°F)。友情提示：在超过 50°C (122°F) 温度下连续暴露时，可能会导致产品表面如裂纹类的缺陷。

在安装会产生热量的技术设备时（如笔记本电脑等），须在热源与三聚氰胺双饰面板表面间保持合适距离，以避免产生热量累积，并且要让空气和温度流通。

The resistance against heat of PerfectSense lacquered boards differs between long and short periods of heat exposure. For long and continuous periods of heat exposure, a maximum temperature of 50°C (122°F) is applicable. We kindly advise that continuous exposure in temperatures of over 50°C (122°F) may result in surface defects such as cracks.

Installations of technical equipment that emit heat, for instance laptops, require an appropriate distance between heat source and melamine surface to avoid heat accumulation and allow air and temperature circulation.

表面抗菌特性

Antibacterial property

在清洁和消毒后的密封卫生表面 24 小时后产品表面无菌率达 99.9%，本产品不包含旨在预防、消灭、驱逐或缓轻害虫的已知物质，并且我们的产品不是用于捕获、消灭、驱逐或缓轻害虫的设备。

The hygienically sealed and closed surface of this product is 99.9% germ and bacteria free 24 hours after being cleaned and sanitized. The product does not contain a known substance that is intended to prevent, destroy, repel or mitigate a pest, and our product is not a device that is intended to trap, destroy, repel or mitigate pests.

其他文件

Further documents

技术数据表爱格刨花板 Eurospan E1E05 TSCA P2 CE
Technical datasheet Egger Eurospan E1E05 TSCA P2 CE
爱格 PerfectSense® 极致系列烤漆饰面板的加工说明
Processing instructions PerfectSense® Lacquered Boards
爱格 PerfectSense® 极致系列烤漆饰面板的清洁和保养说明
Cleaning and care instructions PerfectSense® Lacquered Boards

临时说明:

Provisional note:

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