

技术数据表

TECHNICAL DATASHEET

爱格 PerfectSense® 极致奢华高光和哑光烤漆饰面板 Egger PerfectSense® Lacquered Boards Premium Gloss and Premium Matt

材质说明:

Material description:

装饰性、UV 涂层木质板材

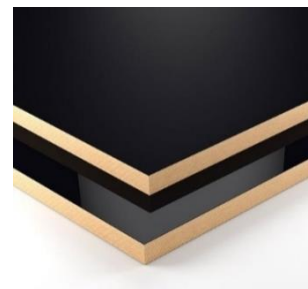
Decorative, UV coated wood-based material

基于爱格中密度芯层 - 符合欧洲标准EN 622中类型5

based on EGGER MDF core boards – board type according EN 622 type 5

用途: 室内使用的饰面人造板

Use: Decorative wood-based panels for interior uses



爱格中密度板 - 符合欧洲标准EN 622-5

EGGER MDF - board type according to EN 622 type 5

对于 PerfectSense® 极致奢华系列烤漆饰面板, 爱格使用符合欧洲标准 EN 622 中类型 5 的爱格中密度芯板。产品性能和甲醛释放量直接与使用的芯层材料和厚度有关。对于 PerfectSense® 极致奢华系列烤漆饰面板, 我们使用厚度 10 到 16mm, 以及 >19 到 25mm 的爱格中密度板 E1E05 TSCA ST CE EAC。对于厚度 >16 到 19mm 的产品, 我们使用爱格中密度板 E1 TSCA ST CE EAC。更多信息请参考芯层技术数据表: www.egger.com。

For PerfectSense® lacquer boards Premium Gloss and Premium Matt our Egger MDF core boards in accordance with EN 622 Type 5 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 PerfectSense® premium quality, we use our Egger MDF E1E05 TSCA ST CE EAC in the thickness range from 10 to 16mm, and >19 to 25mm. For the thickness range >16 to 19mm we use Egger MDF E1 TSCA ST CE EAC. For detailed information, please refer to the respective technical data sheets of the core materials, available at www.egger.com.

PerfectSense® 极致奢华高光和哑光烤漆饰面板- 一般公差 PerfectSense® Premium Gloss and Premium Matt – General tolerances

	测试标准 Test standard	单位 Unit	厚度范围 Thickness range*1)		
		[mm]	>10 - 12	>12 - 19	>19 - 25
厚度 Thickness					
单面 PerfectSense 极致表面效果 with one-sided PerfectSense	EN 14323	[mm]	±0.3		
长度和宽度 Length and width					
工厂库存标准尺寸 commercial available size	EN 14323	[mm]	±5		
加工后尺寸 cut-to-size boards			± 2.5		
表面平整度 Flatness					
	EN 14323	[mm/m]	--	≤ 2'2)	
边缘损坏 Edge damage					
工厂库存标准尺寸 commercial available size	EN 14323	[mm]	≤ 10		
加工后尺寸 cut-to-size boards			≤ 3		

PerfectSense® 极致奢华高光和哑光烤漆饰面板 – 表面特性 PerfectSense® Premium Gloss and Premium Matt – 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				
奢华高光面/奢华哑光面 Premium gloss / Premium matt	EN 438-2	≥ Grade 3	≥4*3)	[N]
耐微刮擦 Micro scratch resistance				
	满足 DIN CEN/TS 16611 according DIN CEN/TS 16611	A B4	+1 -	光泽点 Gloss point -
耐化学腐蚀 Resistance to chemicals				
	DIN 68861-1 / EN 12720	1A	-	-

表面抗菌特性 Antibacterial properties				
	ISO 22196	[level]	经过认证的表面抗菌性能 certified antibacterial property	
漆膜附着力 Cross-cut				
	EN ISO 2409	GT 0 - 1	-	-
光泽度 Gloss level				
极致奢华高光面 Premium gloss	EN ISO 2813	60°	92 ± 5	GU
极致奢华哑光面 Premium matt		60°	3 ± 2	GU
耐蒸汽 Steam resistance				
极致奢华高光面 Premium gloss	EN 438-2	≥ 3 级 ≥ Grade 3	-	-
极致奢华哑光面 Premium matt		≥ 5 级 ≥ Grade 5	-	-
耐干热 Resistance to dry heat				
	EN 438-2	≥ 4 级 ≥ Grade 4 *4)	160	°C
耐湿热 Resistance to wet heat				
	EN 438-2	≥ 4 级 ≥ Grade 4 *4)	100	°C
耐光色牢度 Light fastness				
	EN 438-2	灰度卡 4 Grey scale 4		
耐潮湿候性 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	
耐气候交换 Alternating climate resistance*5)				
10 个周期: 气候 -20 ± 2 °C 条件 1 小时; 气候 -20 ± 2 °C / 湿度 85 ± 5% 条件 3 小时; 气候 60 ± 2 °C / 湿度 55 ± 5% 条件 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	
满足 AMK-MB-009 规定表面瑕疵 Surface defects according to AMK-MB- 009				

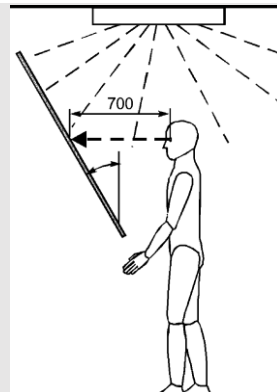
相距 27.56 英寸 (0.7m) 距离时, 未观察到平坦表面上存在明显瑕疵。如果表面没有达到无暇效果, 允许存在细微瑕疵及细微不规则不平整的情况。表面瑕疵仅限于在观察距离为 27.56 英寸(0.7m) 时且以 30°视角检查时可以辨认并且面积大于 1.0mm²的瑕疵。每平方米内最多允许存在一个瑕疵。

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: 1.085 英寸 (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
- 观察持续时间: 最长 20 秒
Viewing duration: max. 20 seconds



¹⁾ 相对标称值

Relative to the nominal value

²⁾ 仅适用于均衡构造的表面

Only with balanced construction of surfaces

³⁾ 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

⁴⁾ 对于高光面, 允许略微的光泽度差异

With gloss surfaces slight gloss changes are permitted

⁵⁾ 指表面涂层

Refers to the surface coating

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。爱格 PerfectSense® 极致系列烤漆饰面板必须小心运输和存放。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.

Quality management ISO 9001

Coding: TD PS EN
Revision: 11
Approval: Mar-04-2021

注：爱格 PerfectSense® 系列烤漆饰面板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).

抗菌表面特性

Antibacterial property

在清洁和消毒 24 小时后产品表面抗菌效率达 99.9 %，产品不含有目的为预防、消灭、驱逐或消除害虫的已知物质，我们的产品不是用于捕获、消灭、驱逐或消除害虫的设备。

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

- 技术数据表爱格中密度板 EGGER MDF E1 TSCA ST CE EAC
- Technical datasheet EGGER MDF E1 TSCA ST CE EAC
- 技术数据表爱格中密度板 EGGER MDF E1E05 TSCA ST CE EAC
- Technical datasheet EGGER MDF E1E05 TSCA ST CE EAC
- 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:

本技术数据表为据我们最大所知精心编写。我们对任何错误、标准中的错误或印刷错误概不承担任何责任。此外，爱格EGGER PerfectSense® 极致系列烤漆饰面板的持续开发以及相关产品标准以及法律文件的变更都产生技术层面的修改。因此，加工说明的内容不应被视为使用说明书或法律约束文件。我们的销售和交付一般条款使用。

This technical datasheet has been carefully drawn up to the best of our knowledge. 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® Lacquered Boards, 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.