

## 技术数据表

## Technical data sheet

### 爱格超大规格 XL 防火板

### EGGER Laminate XL



## 说明

### Description

爱格超大规格 XL 防火板是基于固化树脂由三聚氰胺树脂浸渍装饰纸和数层酚醛树脂浸渍芯层纸共同组成的具有多层结构的一种装饰型防火板。

EGGER Laminate XL is a decorative laminate based on curable resins. Laminate XL has a multilayer structure and consists of melamine resin impregnated decorative paper and several core layers impregnated with phenolic resin.

防火板等级: HGS ( 水平方向、一般用途、标准等级 )

Laminate grade: HGS ( Horizontal General-purpose Standard )

标准尺寸: 2,790 x 2,060 mm

Standard dimension: 2,790 x 2,060 mm

标称厚度: 0.8 mm

Nominal thickness: 0.80 mm

## 产品指南

### Availability

超大规格 XL 防火板是爱格饰面产品系列的一部分。根据各个市场的产品指南详情，特定工厂库存花色及规格最低可一片起订。

Laminate XL is part of the EGGER Decorative Collection. Selected decors and sizes are available ex stock and from just one sheet upwards, according to the country-specific availability guides.

## 额外优势

### Added Benefit

爱格超大规格 XL 防火板是经 MED ( 船用设备指令 ) 认证的。同样也满足 IMO ( 国际海事组织 )。经 MED ( 船用设备指令 ) 质量认证的产品可以通过在防火板背面印上“合格标志” ( 车轮标志 ) 来进行识别且获得认证的防火板可应用于船舶制造。策划人员需要“EC 合格认证证书 – 模块 D”，“EC 类检验证书 – 模块 B”和“消防认证证书”来证明产品的质量。一旦订单产生，安装人员需要“合格声明”。爱格的合格声明必须要求与防火板订单一致。在合格声明上注明生产订单号和订单号。

EGGER Laminate XL is **MED (Marine Equipment Directive)** certified and also meets the requirements of the IMO (International Maritime Organisation). The confirmed MED quality can be identified by the "Mark of Conformity" (wheel mark) printed on the rear and allows the laminate to be used in shipbuilding. Planners need the certificates "EC Certificate of conformity - Module D", "EC Type Examination Certificate - Module B" and "Certificate of fire approval" to prove the product quality. Fabricators require the "Declaration of Conformity" in the event of an order. The declaration of conformity must be requested from EGGER with the laminate order. The production order number and the order number are noted on the declaration of conformity.

## 技术数据

### Technical data

满足欧洲标准 EN 438-3 要求，爱格超大规格 XL 防火板的分类属于 HGS (水平方向普遍用途标准级别) 防火板。这意味着这种防火板可以在水平方向应用，但不能后成型。

In accordance with EN 438-3, EGGER Laminate is classified as an HGS laminate (Horizontal General-purpose Standard). This means that the laminate can be used for horizontal applications and is not postformable.

| 性质<br>Property   | 测试标准<br>Test standard | 单位或特征<br>Unit or feature    | 值<br>Value |
|--|-----------------------|-----------------------------|------------|
| 厚度<br>Thickness  | EN 438-2              | mm                          | ± 0.10     |
| 长度 <sup>b)</sup><br>Length                             | EN 438-2              | mm                          | +10/-0     |
| 宽度 <sup>b)</sup><br>Width                              | EN 438-2              | mm                          | ± 10       |
| 平整度 <sup>a)</sup><br>Flatness                          | EN 438-2              | mm/m (最大值)                  | 60         |
| 表面耐磨性<br>Resistance to surface wear                    | EN 438-2              | 转 (最小值)<br>初始磨损点            | 150        |
| 表面抗小球冲击<br>Resistance to impact by small diameter ball | EN 438-2              | N (最小值)                     | ≥ 20       |
| 表面耐划痕<br>Resistance to scratching                      | EN 438-2              | 等级 (最小值)<br>图案纹理            | 3          |
| 耐水蒸气<br>Resistance to water vapour                     | EN 438-2              | 等级 (最小值)<br>图案纹理            | 4          |
| 耐干热 (160 °C)<br>Resistance to dry heat (160 °C)        | EN 438-2              | 等级 (最小值)<br>图案纹理            | 4          |
| 耐湿热 (100 °C)<br>Resistance to wet heat (100 °C)        | EN 438-2              | 等级 (最小值)<br>图案纹理            | 4          |
| 耐污渍<br>Resistance to staining                          | EN 438-2              | 等级 (最小值)<br>组 1 和组 2<br>组 3 | 5<br>4     |
| 耐光色牢度 [氙弧灯]<br>Lightfastness [Xenon arc lamp]          | EN 438-2              | 灰度卡等级                       | 4 - 5      |

<sup>a)</sup> 前提是防火板按照爱格推荐的方式和条件进行储存。

Provided that the laminate is stored in the manner and conditions recommended by EGGER.

<sup>b)</sup> 切割后防火板的尺寸偏差需经爱格和采购方之间同意。

Tolerances for cut-to-size panels shall be agreed between EGGER and purchaser.

## 防火等级测试

### Reaction to fire

为了避免非必要的测试，对于已知防火特性和已界定材料性能的建筑材料可以不用进一步测试就能直接进行分类 (CWFT – 无需进一步测试进行分类)。根据欧洲标准 EN 438-7，以爱格防火板贴面的木质人造板在满足下面表格中描述的条件可以根据欧洲标准 EN 1350-1 被分类为 D-s2, d0。

To avoid unnecessary tests, building materials with known fire behaviour and defined material properties can be classified without further testing (CWFT - Classification without further testing). According to EN 438-7, wood-based panels laminated with EGGER Laminate can be classified as D-s2,d0 according to EN13501-1 under the conditions described in the table below.

| 产品<br>Product  | 产品详情<br>Product details  | 最小密度 [ kg/m <sup>3</sup> ]<br>Minimum density<br>[ kg/m <sup>3</sup> ] | 最小总厚度 [ mm ]<br>Minimum overall<br>thickness [ mm ]   | 等级<br>Class<br>EN 13501-<br>1 |
|--|--|--|---|-------------------------------|
| 木质基材<br>防火板贴面板<br>Laminate<br>composite<br>panels with<br>wood based<br>substrates | 由非阻燃等级防火板组成的复合型板材满足欧洲标准 EN 438-3 的要求，根据欧洲标准 EN 13986，在最小厚度为12mm 的非阻燃型木质芯层的两侧表面上使用 PVAc 或 热固性粘合剂进行粘合且表面的施胶率为 60 g/m <sup>2</sup> 到 120 g/m <sup>2</sup> 。<br>Composite panels comprising non FR grade laminate meeting the requirements of EN 438-3, adhesively bonded to both sides on non FR grade wood based core of minimum thickness 12 mm complying with EN 13986, using PVAc or thermosetting adhesive at an application rate of 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup> . | 木质芯层最小密度为 600<br>Wood-based core<br>minimum density 600                | 12 mm 厚<br>木质芯层两面压贴厚度 ≥ 0.5 mm 的防火板<br>12 mm wood based<br>core with laminate ≥<br>0.5 mm bonded to<br>both sides | D-s2, d0                      |
|  |  | 防火板最小密度为 1,350<br>Laminate minimum<br>density 1,350                    |   |                               |

## 补充文件 / 产品信息

### Additional documents / Product information

请从以下文件中找到更多信息：

You will find further information in the following documents:

- “爱格防火板产品加工信息”  
"Processing Instructions EGGER Laminates"
- 技术信息单页 “爱格防火板耐化学性”  
Technical leaflet "Chemical Resistance EGGER Laminate"
- 技术信息单页 “爱格防火板清洁与护理建议”  
Technical leaflet "EGGER Laminate Cleaning and Care Instructions"

#### 临时说明

##### Provisional note:

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