

POLFLAM[®] fire-resistant glass: coloured safety

POLFLAM produces fire-resistant glass applicable to a wide range of structures in the fire-resistance Class – EI 30, EI 60, EI 90, EI 120 and EI 180. Fire-resistant glazing made of POLFLAM[®] glass can be both transparent and opaque, made in RAL and NCS palette colours. With colourful enamel on the glass sheets, POLFLAM[®] glazing is of exceptional aesthetic value as well as durability.

One of the important advantages of POLFLAM[®] glass is its suitability to producing indoor partitions covered with high class ceramic enamel.

The pioneering technology developed by POLFLAM[®] has made it possible to produce fire-resistant glass in any of the RAL and NCS palette colours (in thousands of colours and hues), with no need of double glazing, which brings down both the weight and the cost. The enamel is resistant to light,

extreme temperatures and humidity, and also to mechanical damage.

Apart from its aesthetic features, the coloured appearance can play quite a practical role, too. Opaque glazing can help mark off extra rooms or organise your space.

Now it feels lighter while the enamelled glass makes it look really stylish. POLFLAM[®] enamelled glass is also used in the FR and BR frameless sys-

tems (made by FR Solutions) that are becoming more and more popular. Both transparent and opaque glass sheets look smart in a fire-resistant partition, and, importantly, they can be joined together.

In all classes, POLFLAM[®] fire-resistant glass meets the criteria of fire tightness in compliance with the technical standard PN-EN 1363-1 Determination of fire resistance. It has been tested under the conditions of a real



In a POLFLAM[®] fire-resistant partition made in the BR frameless system, fully transparent and opaque (enamelled) glass sheets can be successfully joined in the RAL and NCS palette colours, with no need of double glazing.

fire, at POLFLAM®'s testing lab and it was checked and approved by European notification units. Therefore, they meet the most restrictive fire-resistance requirements in all the EU member states while meeting the expectations of most demanding customers.

POLFLAM® fire-resistant glass, both transparent and opaque, in the RAL and NCS palette colours not only makes modern interiors safer but they also feel lighter, smarter and exceptional. It gives more freedom in designing and arranging the interior, and in creating various visual and functional combinations.

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