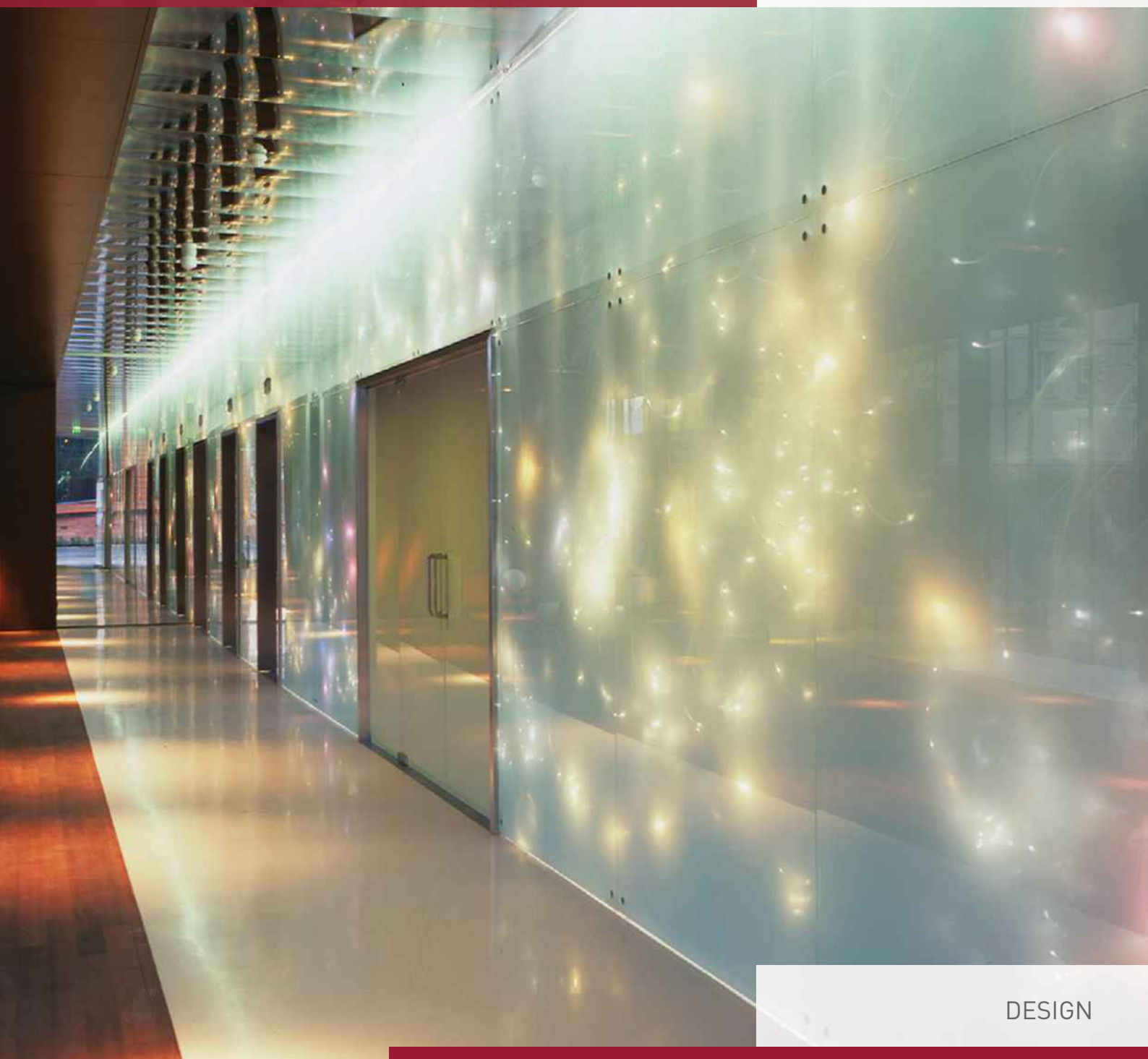


# OPALIT EVOLUTION

Lead-free translucent  
enamelled glass



DESIGN

# OPALIT EVOLUTION

## The brightness of colour, the qualities of toughened glass!

### Description

OPALIT EVOLUTION is a toughened, translucent enamelled glass. The appearance, whether clear or coloured, is obtained by applying a layer of translucent, lead-free enamel onto one of the faces<sup>(1)</sup>. This enamel, fired at a high temperature, is fully incorporated into the surface of the glass.

*(1) < 1,000 ppm in the composition of the enamels.*

### Applications

OPALIT EVOLUTION blends a contemporary frosted look with the advantages of toughened enamelled glass.

Its aesthetics and technical characteristics mean that it is particularly suited for the the interior and external decoration of residential and service sector buildings:

- partitions, shower walls and doors whether with frame or not;
- furnishings (tables, office furniture, bookshelves, cupboard doors, etc.);
- double glazing, translucent sills;
- street furniture, signage.

### Advantages

#### • Protection of privacy and luminous colours

OPALIT EVOLUTION transmits light but conceals you from prying eyes. Its glazed look comes in three colours for the creation of sophisticated interiors.



#### • Exceptional durability and safety

OPALIT EVOLUTION offers all the properties of toughened enamelled glass. Thanks to the manufacturing process, the colours are fast and durable.

#### • Environmentally-friendly

The use of lead-free and cadmium-free enamels protects the environment and enables full recycling.

# OPALIT EVOLUTION

## Range

OPALIT EVOLUTION comes in three shades: natural, blue and green.



To meet the aesthetic criteria of certain projects, OPALIT EVOLUTION Natural can be manufactured using extra-clear 666 DIAMANT glass. The colours, applied using silk-screen printing, mean that it is possible to achieve translucent and personalised motifs, whether coloured or otherwise (SERALIT EVOLUTION OPALE).

## Note

The colours vary slightly according to the thickness of the base glass. To obtain a uniform colour, only one thickness of glass should be used for the same project.

Some very slight colour variation may also occur between batches. It is therefore advisable to use products from just one batch for the same project.

OPALIT EVOLUTION		
Current manufacturing dimensions*		
Thickness (mm)	Length max (mm)	Width max (mm)
6	3,300	2,000
8, 10, 12	3,300	2,100

*[\*] Contact us to check on the availability of the products.*



## Choice criteria

OPALIT EVOLUTION is a diffusing product. The colour may seem more or less pronounced according to the observation angle of the glass and the nature of the ambient light. It is advisable to make a final choice after ensuring that the aesthetic appearance sought is being reproduced. A life-size prototype can be made and located in the final position to achieve this.

## Processing

OPALIT EVOLUTION can be assembled as double glazing to increase warmth and comfort.





# OPALIT EVOLUTION

## Installation

OPALIT EVOLUTION must be fitted in compliance with the local regulations in force.  
In single glazing, OPALIT EVOLUTION can be used as a sheet and screwed in place by using metal fittings. Every precaution should be taken to prevent glass/glass and metal/glass contact. When OPALIT EVOLUTION is fitted edge to edge, a minimum gap of 3 mm must be allowed between the two panes.  
In order to retain the initial aesthetic quality of the product, it is not advisable to fit the enamelled side of OPALIT EVOLUTION to face 1 of a façade.

## Cleaning

In order to retain its aesthetic qualities, OPALIT EVOLUTION should be regularly cleaned with neutral agents free from any aggressive abrasive materials.

## Quality

The quality of OPALIT EVOLUTION, as a complete covering should be assessed for transparency from a distance of 2 m against a uniformly illuminated background.

Tiny faults visible at a distance of 2 m are acceptable within the following limitations:

- small gaps in the coating, small dark marks with a maximum diameter of 1.5 mm, small white spots with a maximum length of 2.5 mm;
- acceptable concentration of a maximum of three faults in an area of 0.5 x 0.5 m and 5 faults per volume item.

When OPALIT EVOLUTION is applied using silk-screen printing, the satin finish may appear slightly textured from certain viewing angles (check with us).

## Regulation

OPALIT EVOLUTION is a toughened glass compliant with standard EN 12150. This product gets the EU stamp.



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