

ertex COLOR@INTERIOR

Enamelled glass for interior applications



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➤ DEFINITION OF ENAMELLED GLASS

(enamelled, thermally toughened soda-lime safety glass as per ÖNORM EN 12150)

Thermally toughened soda-lime safety glass with enamel being burned into the surface during the tempering process. After tempering, the enamel is an inseparable part of the glass.

Built with safety



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Definition – rolling of flat plate:

The flat glass pane passes below a fluted rubber roller that applies enamel paint (made of frits, ceramic glass particles, and other raw materials) to the glass surface. This ensures a uniform and even colour distribution (as a condition, the glass surface must be completely level).

Technical Data

► GLASS thicknesses:

6 mm to 10 mm

► Production sizes:

100 x 250 mm
to 2000 x 4000 mm

► Aspect ratio:

max. 1:20



Safety features:

ertex® COLOR@INTERIOR shows the typical and normatively mandated breaking behaviour of thermally toughened safety glass, but has a reduced mechanical strength. No heat-soak test is carried out after production. Whether a heat-soak test has been conducted or not must be specified on a case-by-case basis.

Assessment and inspection

Guideline to assess the visual quality of enamelled and screen printed glass (issued by the German Federal Flat Glass Association "Bundesverband Flachglas Großhandel, Veredelung e.V." and the German Association of Structural Glazing "Fachverband Konstruktiver Glasbau e.V.")

A typical characteristic is that the fluted roller pattern is visible if viewed close-up (painted side). This "fluting" is practically invisible under normal conditions and can only be perceived when looking through the non-enamelled surface. It should be taken into account for light colours that a medium (sealants, panel adhesives, insulation) directly applied to the rear (painted surface) may show through.

NOTE:

Due to possible colour variations, this rolling technology may not be suitable for applications in translucent or transparent areas or areas with a clear view of the painted side. Please consult the manufacturer for special applications and ask for release samples (preferably in a 1:1 ratio).

The enamel side (coloured side) must not be exposed to the weather. Exceptions must be agreed with us.



Areas of application



Areas of application: as a large-scale wall covering with few joints in interior areas (living spaces, kitchen, sanitary facilities) as an alternative to other common wall claddings, such as tiles, etc.

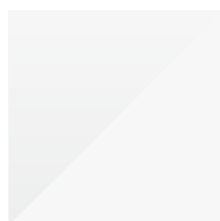
ertex® COLOR@INTERIOR is available in 12 standard colours:



LIGHT GREY



CARBON



WHITE



PASTEL GREEN



LIGHT BLUE



ORANGE



LOGO RED



BLACK



WINE RED



SAHARA



MINT



TURQUOISE

BASIC GLASS:

The following glass types can be chosen as carrier glass:

- FLOATGLAS colourless or FLOATGLAS extra white
- FLOATGLAS coloured (colour applied within the glass itself)
- "Master-Carree" MASTERGLASS
- TEXTURED GLASS – on request

Group of Companies



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