



DecorGem® DecorOpal®

Architecture and interior design rediscover the magic of color through OmniDecor colored glasses. With the numerous variants and finishing options there is no limit to creativity and realizations: from the detail of a piece of furniture to major architectural projects.

DecorGem® is the backpainted temperable float glass, enamelled with ceramic paint able to grant color consistency and inalterability over time. The surface can be glossy or etched, to meet any technical or aesthetic requirement.

DecorOpal® is the colored float glass lacquered with organic water-based paint, allowing different colour combinations with a high impact and visual stimulation. In the Metallic version the colors gain additional charm with the metallic reflections on the glossy surface.

DecorOpal® Safety with a special surface treatment fulfils also safety requirements.

COLORED GLASS

“High-quality colored glass”



DecorGem - DecorOpal

APPLICATIONS

 FURNITURE

 KITCHENS

 DOORS

 SHOWERS

 WALLS

 FACADES AND BALUSTRADES

 CONTRACT

Temperable enamelled glass.

DecorGem® enamelled glass sheets are produced using an exclusive proprietary technology with high temperatures, which melts the color onto the glass. This process guarantees color consistency and inalterability in time of both the enamel and the glass itself.

DecorGem® creates new opportunities for cladding or partitioning solutions that enable glass to be used outdoors as well as indoors.



MATERIAL

Enamelled float glass. Glossy or acid etched surface.

-  Float glass compliant to regulation UNI EN 572-2
-  Weight 2,5 kg/sqm per 1 mm thickness

PROPERTIES

-  Temperable/ toughenable
-  Total opacity
-  Resistance to corrosion (etched surface)
-  High resistance of the ceramic paint
-  High adhesion resistance of the enamel on the surface


 SCRATCH PROOF
 (etched surface)


 TEMPERABLE


 ANTI-FINGERPRINT
 (etched surface)

REGULATORY FRAMEWORK: • Scratch resistance (etched surface) UNI 9428 • Corrosion resistance (etched surface) UNI ISO 9227 • Fire reaction EN 13501-1 • Scratch and adhesion test of the enamel.

PROCESSING

Mechanical			Thermal		Finishing	
CUTTING	GRINDING	DRILLING	TOUGHENING	BENDING	LAMINATION	PAINTING
✓	✓	✓	✓	✓	✓	NA

SIZES AND THICKNESSES

DecorGem Color Collection is available in size 200 x 321cm, and thickness 3 / 4 / 5 / 6 mm.

COLOR	THICKNESS (mm)	SHEET SIZE	
		Height (cm)	Width (cm)
ALL COLORS	3 / 4 / 5 / 6	200	321

DecorGem® COLOR COLLECTION



The colors shown are only indicative. For the real tint please refer to samples.



DecorGem etched custom color



Glass lacquered with organic paint.

The innovation and aesthetic vividness of DecorOpal® broaden the horizons of glass surfaces with a brilliant, modern collection of colors.

With its total opacity and color consistency as well as homogeneous appearance, the DecorOpal® colored glass is extremely versatile and suitable for different applications, such as wall cladding or furniture.

The surface can be etched or glossy, perfectly uniform in color and aspect in both versions.

MATERIAL

Float glass lacquered with water-based organic paint. Etched or glossy surface.

-  Float glass compliant with regulation UNI EN 572-2
-  Weight 2,5 kg/sqm per 1 mm thickness

PROPERTIES

-  Total opacity
-  Resistance to corrosion (etched surface)
-  High adhesion resistance of the paint on the surface
-  High resistance of the paint during processing and installation



REGULATORY FRAMEWORK: • Scratch resistance (etched surface) UNI 9428 • Corrosion resistance (etched surface) UNI ISO 9227 • Fire reaction EN 13501-1 • Scratch and adhesion test of the enamel.

PROCESSING

Mechanical			Thermal		Finishing	
CUTTING	GRINDING	DRILLING	TOUGHENING	BENDING	LAMINATION	PAINTING
✓	✓	✓	NA	NA	✓	NA

SIZES AND THICKNESSES

DecorOpal collection is available in size 200 x 321 cm, and thickness from 3 to 12 mm. DecorOpal can be also laminated, with paint applied on face 4.

COLOR	THICKNESS (mm)	SHEET SIZE	
		Height (cm)	Width (cm)
ALL COLORS	3 / 4 / 5 / 6 / 8 / 10 / 12	200	321
LAMINATED VERSION	3 + 3 4 + 4 5 + 5		

DecorOpal® COLOR COLLECTION



The colors shown are only indicative. For the real tint please refer to samples.

DecorOpal® SAFETY

To comply with the safety requirements, DecorOpal® can be equipped with a safety film applied on its back. DecorOpal® Safety is the solution for any application where there is no need of the tempering process, but it's mandatory to comply with strict regulations in terms of safety. After the painting and drying process of each DecorOpal® glass sheet, the Safety film is applied thoroughly on the painted side, with an innovative system developed inhouse. This film is able to hold in place the smaller or the bigger shards that result from an unintentional or accidental breakage of any DecorOpal® panel.

The film covers the whole surface of the glass sheet, it's colorless, and it's thin but strong at the same time. On the surface of the glass, the color will not show any tone variation, but rather the consistency of the painting will be guaranteed by the film itself.

Thanks to the peculiar application process, the adhesion of the film is total and secure, granting also an excellent aesthetic aspect. There is no risk of detachment from the paint, when it is adherent to any support using a neutral silicone glue.

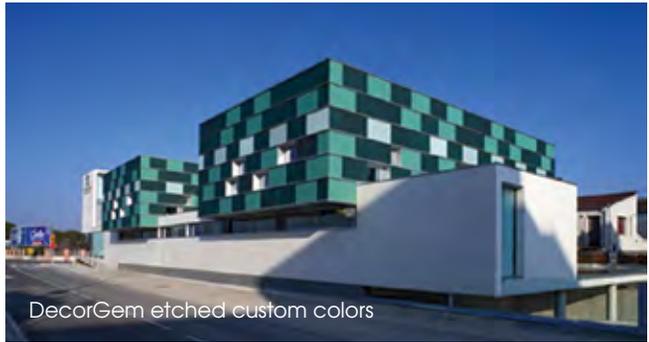
The Safety version is available both with the color collection and the metallic collections.

To guarantee the effectiveness, DecorOpal® Safety was tested by an independent and external lab, according to UNI EN 12600 regulations.

NEW



DecorGem ghiaccio - Design Fabric



DecorGem etched custom colors



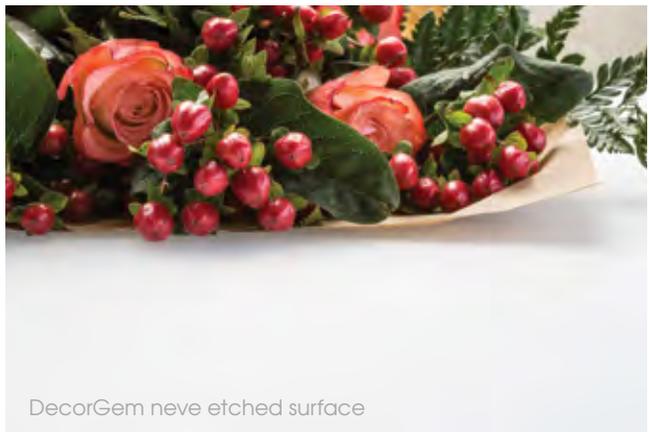
DecorGem nero - Design Linen



DecorGem rosso etched surface



DecorGem neve non etched surface



DecorGem neve etched surface



DecorOpal grass - Design Tree



DecorOpal glossy cream



DecorOpal glossy cream



DecorOpal etched green and blue



DecorOpal etched grey scale

DecorOpal

DecorOpal® etched surface custom color