

Colorbel CM

Colorbel

Colorbel is a clear or tinted glass with a thermally glazed, opaque enamel coating on one side. Over time, it has evolved into a product that better meets the needs of facade designers, offering a whole host of solutions for multiple applications.

Through this approach, AGC has built up valuable experience in production and colour development techniques, creating an entire palette of enamels that combine high-resistance glass with rich colours that ooze style and sophistication.

Colorbel CM (Colour Matching)

The Colorbel CM range of spandrels is available in single or double glazing and in a wide variety of colours carefully designed to ensure AGC vision glasses and spandrels complement one another perfectly.

To help architects make the right choice and ensure the consistency of its range, AGC has come up with solutions to perfectly match the colours of its vision glasses and range of spandrels.

Colorbel now offers a colour matching solution for the latest Stopray glasses marketed by AGC.

Stopray

A range of soft-coated glasses combining a neutral appearance with thermal insulation and optimal solar control



Benefits

Tough

The enamelled side of Colorbel, which faces the inside of the building, is produced using a high-temperature glazing process, thereby boosting its mechanical strength and making it chemically resistant to atmospheric agents.

The special enamelling ensures the glazing and its colour maintain their integrity in the long term. Toughened Colorbel CM is colourfast, non-flammable and resistant to extreme temperature differences, making it the ideal glazing for facade applications.

Safe

Colorbel is a thermally toughened glass.

The toughening process makes the glass highly resistant to thermal stresses, meaning it can cope with differences in temperature of 200°C.

The mechanical strength and shock resistance of the glass are also significantly higher than annealed glass.

Environmentally friendly

Colorbel CM glazings are environmentally friendly because they are produced using a new, advanced process that cuts out the need for cadmium.

Attractive

Perfect colour matching between vision glass (double or triple-glazed) and spandrels
Popular in outdoor applications both for its structural strength and iridescent appearance

Colorbel is also lighter than most other materials used to mask unattractive structures in facades.

Technical specification

Colour matching table	
Colorbel spandrel solution	AGC vision glass
Colorbel CM Vision 50	Stopray Vision 50
Colorbel CM Vision 50T	Stopray Vision 50T
Colorbel CM Galaxy	Stopray Galaxy
Colorbel CM Titanium	Stopray Titanium
Colorbel CM Lime	Stopray Lime
Colorbel CM Indigo	Stopray Indigo
Colorbel CM Safir	Stopray Safir
Design	
Available thickness	6 mm and 8 mm
Maximum size	6 mm: 1800 x 2800 mm 8 mm: 1800 x 3600 mm
Certification	
Toughened	Colorbel is heated to above 600°C and quickly cooled. As a result, the skin of the glass remains at a permanently high pressure (more than 10,000 PSI), making it particularly resistant to thermal shock. This means toughened Colorbel CM can resist extreme differences in temperature.
Soak Test	On request, toughened Colorbel CM can also be soak tested to reduce the risk of spontaneous breakage due to nickel sulphide inclusions.
International standards	Toughened Colorbel complies with international standards for safety glass: EN 12150 and EN 1863
Guarantees	
Product guarantee	Colorbel/Colorbel CM spandrels are covered by a 10-year guarantee
Samples	
	Some colours in the range may differ very slightly in reality. AGC recommends selecting colours based on Colorbel CM samples alone.

For more information on the Colorbel / Colorbel CM range, visit www.yourglass.com

