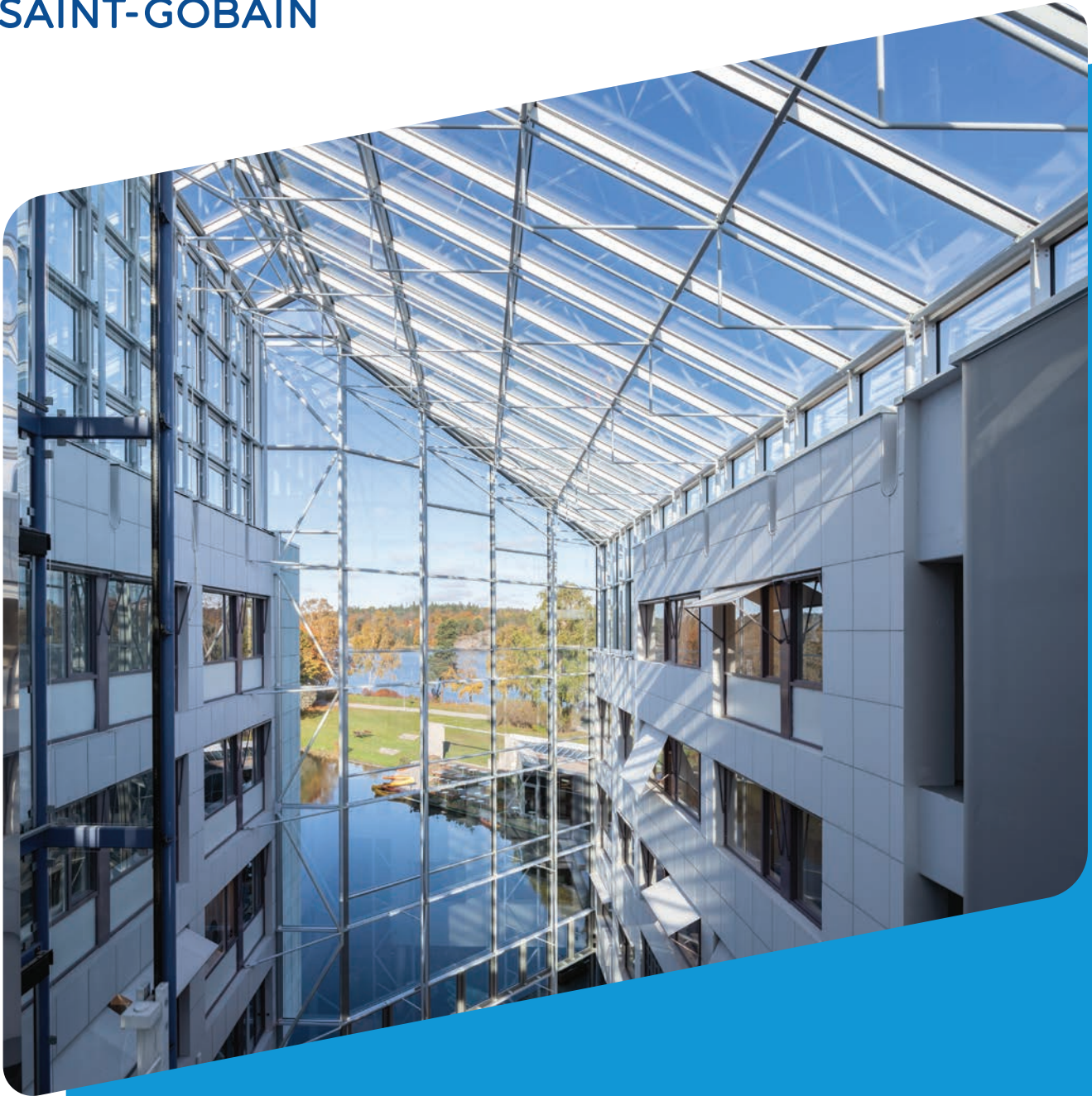




ORAÉ®

*Lowest-carbon clear float glass in the
Saint-Gobain range*



Lowest-carbon clear float glass in the Saint-Gobain range

ORAÉ® is the World's first EPD-verified, lower-carbon glass, manufactured by Saint-Gobain Glass¹.

ORAÉ® is the lowest-carbon, clear float glass in the Saint-Gobain range, achieving 5.88kg CO₂e/m² for 4mm glass, based on the product's, third-party verified EPD (compared to PLANICLEAR® – EPD: environdec.com)².

This flat glass substrate is produced in short term campaigns at several Saint-Gobain Glass manufacturing sites across the world, using 64% recycled content³ and renewable electricity.

ORAÉ® can be coated with Saint-Gobain's PLANITHERM® or COOL-LITE® coatings to provide higher performance⁴ glass, that can help improve the thermal efficiency of glazing.



 **Calumen**
Saint-Gobain Glass'
Glazing Configurator.



PRODUCT PERFORMANCE

	Light Transmission TL [%]	Solar Factor (g-Value) [%]	Outside Reflection LRe⁵ [%]	Inside Reflection LR [%]	Carbon Footprint (GWP) A1-A3 [kg CO eq/m]	Carbon Reduction vs PLANICLEAR® EPD [%]
ORAÉ® 4mm	91	88	8	8	5.88	-19
PLANICLEAR® 4mm	91	88	8	8	7.22	—

EPDs can be downloaded from environdec.com. ORAÉ® data based on European production. PLANICLEAR® data based on UK production.

PRODUCT RANGE

ORAÉ® is available in:

- **Standard sizes:**
2250 x 3210mm
2550 x 3210mm
3210 x 6000mm
- **Standard thicknesses:**
4mm, 6mm, 8mm, 10mm
& 12mm

PROCESSING

ORAÉ® can be toughened or laminated, and can be used in glazing applications, including:

- Windows and doors
- Mirrors
- Interior applications
- Glazed façades
- Partitions



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References

1. ORAÉ® launch announced July 2022.
2. Global Warming Potential (GWP) A1-A3 Categories (Cradle to Gate); detailed environmental data are documented in the available Environmental Product Declarations (EPD) - environdec.com.
3. Recycled content as defined in ISO 14021.
4. Higher performance, coated, flat glass, achieves an emissivity level of 3% or less. Saint-Gobain Glass' PLANITHERM® and COOL-LITE® products are higher performing than uncoated, flat glass substrates, based on emissivity level.
5. According to EN410.

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