



euroview



COOL-LITE® XTREME 61/29 & 61/29 II

Extremely selective solar control coatings

Aim for neutrality

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With COOL-LITE® XTREME 61/29 (II), projects will benefit from the latest innovation in high performance solar control coatings.

The introduction of COOL-LITE® XTREME 61/29 and 61/29 II fit into the work already started several years ago by Saint-Gobain to offer world class selectivity coating with outstanding aesthetic.

This new generation of triple silver coating is characterised by an improved neutral appearance, regardless of the viewing angle, lowered reflection and outstanding performances for annealed and “to-be-tempered” glass.

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



BENEFITS

Neutral aesthetic

COOL-LITE® XTREME 61/29 and 61/29 II meet the current architectural trends, which aim at extreme colour neutrality, transparency and low reflection.

Neutrality is “in”; compromises are “out”! The low external reflection, as well as the colour-neutral external appearance combined with extreme selectivity, creates an excellent combination of function and aesthetics.

PROCESSING

In order to achieve its performances and aesthetics, COOL-LITE® XTREME 61/29 II must be:

- Tempered - compatible with Heat Soak Test (only applicable for COOL-LITE® XTREME 61/29 II)
- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU).

PERFORMANCE

Type/Colour

Ug-Value* (W/m2K)	Light Transmittance** [%]	Solar Factor (g-Value)** [%]	Outside Reflection** [%]	Inside Reflection** [%]
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6/16/4 mm – coating on face 2, 90% Argon

COOL-LITE® XTREME 61/29 II (on PLANICLEAR® or ORAE®)	1.0	61	29	11	15
COOL-LITE® XTREME 61/29 II (on DIAMANT®)	1.0	62	29	11	15

*according to BS EN673 **according to BS EN410 ***Values may differ for tempered (II) and annealed coatings with the same glass compositions.

INDOOR COMFORT

Thanks to its neutral aesthetic, combined with an excellent insulation of the interior and an extremely efficient sun protection all year round, COOL-LITE® XTREME 61/29 (II) creates a bright, friendly atmosphere in the room.

ENERGY EFFICIENCY

Delivering extreme selectivity (S>2,1), COOL-LITE® XTREME 61/29 (II) helps reduce energy costs by lowering the demand for artificial lighting, heating and air conditioning.

With a neutral appearance, lowered reflection and consistent colour, it is ideally suited to fully glazed façades where energy efficiency and outstanding aesthetic are required.



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