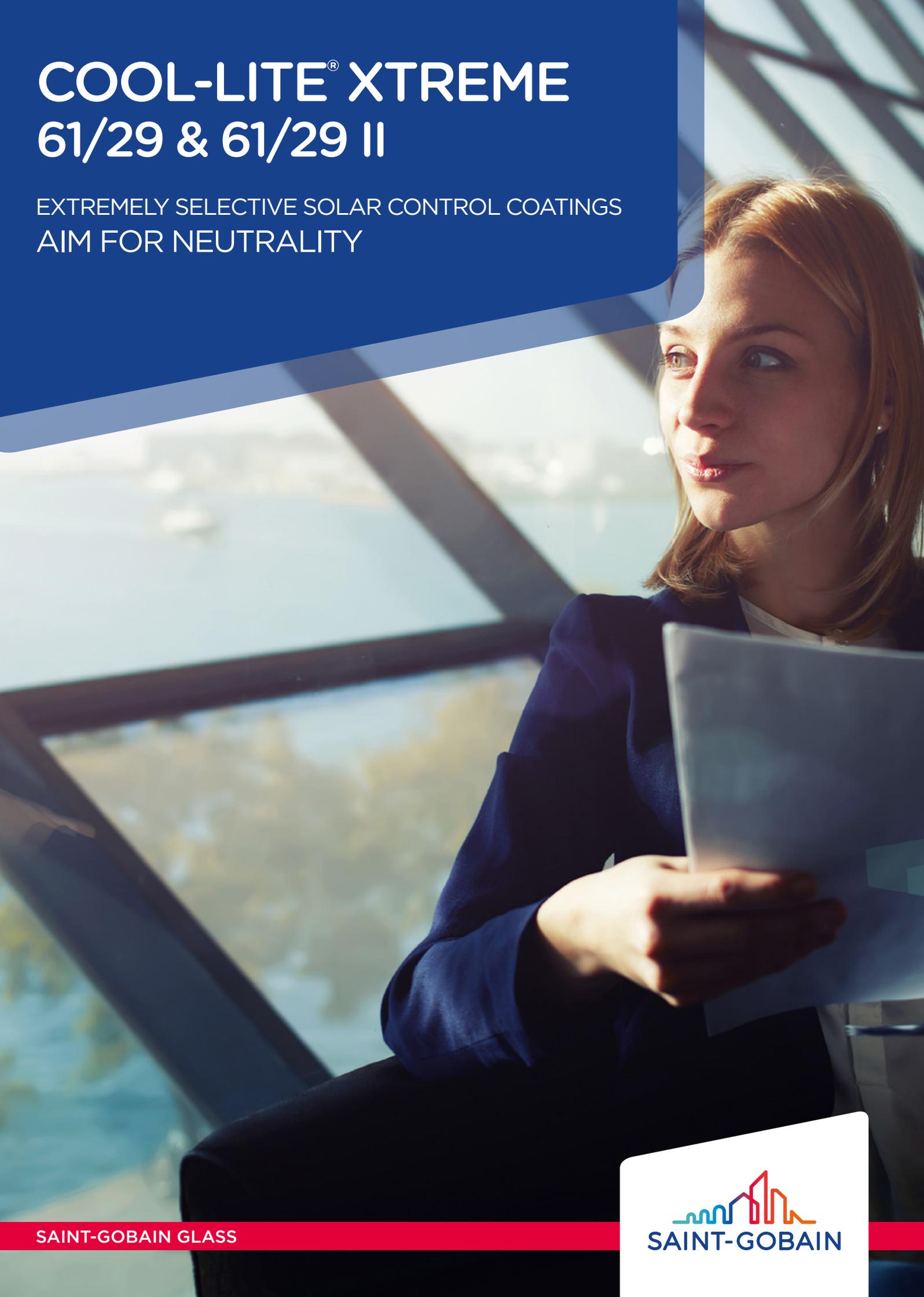


COOL-LITE® XTREME 61/29 & 61/29 II

EXTREMELY SELECTIVE SOLAR CONTROL COATINGS
AIM FOR NEUTRALITY



SAINT-GOBAIN GLASS



SAINT-GOBAIN

COOL-LITE® XTREME 61/29 (II)

EXTREMELY SELECTIVE SOLAR CONTROL COATINGS



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 characterized by an improved neutral appearance, regardless of the viewing angle, lowered reflection and outstanding performances for annealed and “to-be-tempered” glass.

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.

PERFORMANCES

Type / Color	U _g -Value* [W/m ² K]	LT** [%]	g-value** [%]	Outside reflection** [%]	Inside reflection** [%]
6/16/4 mm - coating on face 2, 90% Argon					
COOL-LITE® XTREME 61/29 (II) on PLANICLEAR®	1.0	61	29	11	14/15***
COOL-LITE® XTREME 61/29 (II) on DIAMANT®	1.0	62	29	11	14/15***
6/12/4/12/4 mm - coating on face 2 + PLANITHERM® XN on face 5, 90% Argon					
COOL-LITE® XTREME 61/29 (II) on PLANICLEAR®	0.7	55	27	13	16/17***
COOL-LITE® XTREME 61/29 (II) on DIAMANT®	0.7	57	27	13	17/18***
6/12/4/12/4 mm - coating on face 2 + ECLAZ® on face 5, 90% Argon					
COOL-LITE® XTREME 61/29 (II) on PLANICLEAR®	0.7	56	27	13	16/17***
COOL-LITE® XTREME 61/29 (II) on DIAMANT®	0.7	58	27	13	17/18***

*according to EN673 **according to EN410 ***Values may differ for toughened (II) and non-toughened coatings with the same glass compositions.

ENERGY EFFICIENCY

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

With a neutral appearance, lowered reflection and consistent colour, they are ideally suited for fully glazed facades where energy efficiency and outstanding aesthetic are required.

INDOOR COMFORT

Thanks to 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.

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)

COOL-LITE® XTREME 61/29 (II) can be laminated, taking care to place the coating outside of the laminate (coating on face 4 of the laminated pane)