

ECLAZ[®] FAMILY

*Coated glass designed for modern
windows glazing*



ECLAZ® it is a coated glass by Saint-Gobain Glass, designed for the production of high-quality insulating glass units. The product range includes the following variants:

ECLAZ® LUMI

– better access to daylight and heat



ECLAZ® ZEN

– balance between daylight and heat



ECLAZ® SUN PLUS

– against indoor overheating



ECLAZ® LUMI, ECLAZ® ZEN and ECLAZ® SUN PLUS

offer excellent light transmission and high efficiency, so you don't have to choose between daylight and energy savings. Additionally, they ensure neutral light transmittance and reflection while maintaining more natural colours.

APPLICATIONS

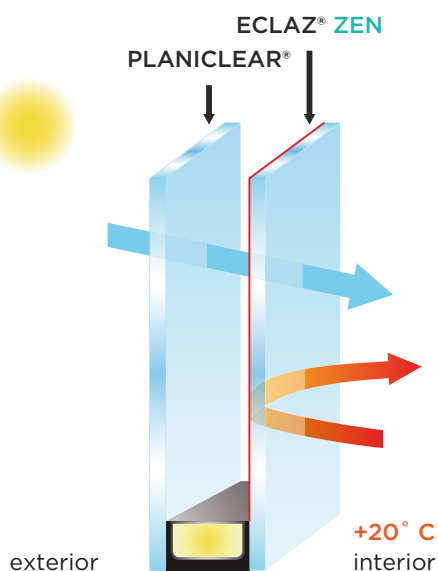
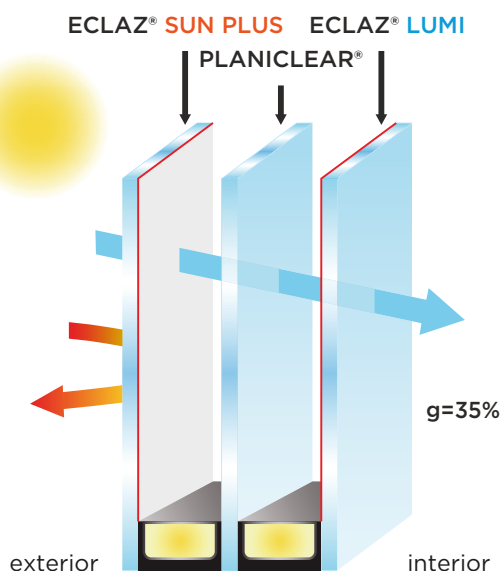
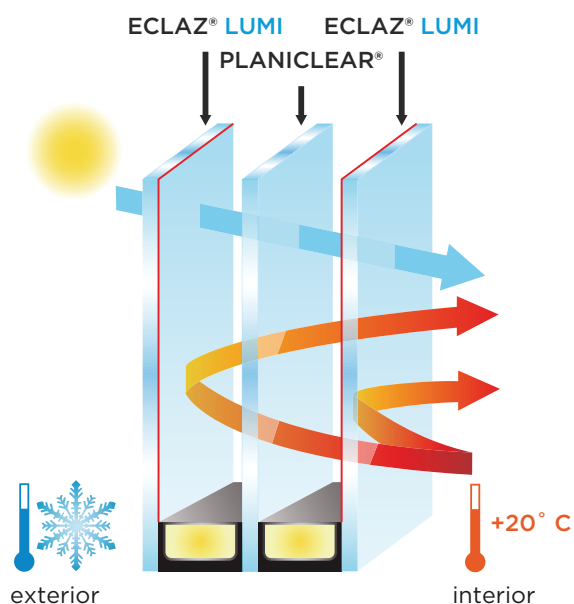
Windows in new and renovated residential buildings to improve the energy efficiency of the window and protect against overheating.

PERFORMANCES

	U _g * value [W/m ² K]	Light Transmission LT** [%]	Solar factor g** [%]	Reflection outside RLe** [%]	Reflection inside RLi** [%]
DGU					
4/16/4 (ECLAZ ZEN on face #3, 90% Argon)	1,0	80	58	15	16
TGU					
4/18/4/18/4 (ECLAZ LUMI on face #2 i #5, 90% Argon)	0,5	77	60	14	14
4/18/4/18/4 (ECLAZ SUN PLUS on face #2 i ECLAZ LUMI on face #5, 90% Argon)	0,5	65	35	15	17
4/18/4/18/4 ECLAZ SUN PLUS II on face#2 ECLAZ LUMI on face #5, 90% Argon	0,5	65	36	15	17
6/16/6/16/44.2 (ECLAZ SUN PLUS on face #2 ECLAZ LUMI on face #5, 90% Argon)	0,5	63	34	15	17

* according to EN673

** according to EN410



BENEFITS



Energy efficiency

ECLAZ® LUMI thanks to its low (U_g) value, it protects indoor from heat loss during the winter.

ECLAZ® ZEN the best (U_g) value 1.0 for double glazing unit.

ECLAZ® SUN PLUS thanks to low solar factor g value against indoor overheating.



Visual comfort

Thanks to the high light transmission value (LT) **ECLAZ® LUMI**, **ECLAZ® ZEN** and **ECLAZ® SUN PLUS** reduce the need for artificial interior lighting, ensuring high aesthetic qualities through natural color rendering.

PROCESSING

The processing of **ECLAZ®** family is the same as processing of every type of glass in the **PLANITHERM®** range. **ECLAZ®** glazing must be assembled into insulated glazing unit. In case of laminated glass, the coatings have to be place outside of the laminate.



**SAINT-GOBAIN INNOVATIVE
MATERIALS POLSKA SP. Z O.O.
BRANCH GLASS**

ul. Szklanych Domów 1
42-530 Dąbrowa Górnicza, Poland

bgp@saint-gobain.com
www.saint-gobain-glass.pl