

ECLAZ

SOURCE OF LIGHT
AND WELLBEING



BUILDING GLASS



SAINT-GOBAIN

ECLAZ

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An essential function of glass is the transparency and thus the possibility to use the daylight. This offers no second building material in this kind. The ECLAZ family, consisting of ECLAZ and ECLAZ ONE fulfils the requirement for maximum daylight transmission (high TL), and efficient use of solar energy (high solar factor) like no other. Also, the unique coating technology allows the blue components of the light spectrum to pass through the glass more intensely, allowing ECLAZ to truly offer more daylight.

The to be tempered variants ECLAZ II and ECLAZ ONE II also offer higher mechanical and thermal resistance. As standard, we offer the coated glasses in 4 and 6 mm thickness and maximum dimensions of 6 m x 3.21 m; further glass thicknesses and dimensions are available on request.

If a to be tempered product has to be mixed with a product that cannot be tempered, as well as in façade applications in general we recommend prior sampling.

AESTHETICS

The low external reflection and the colour-neutral exterior produce a successful combination of function and aesthetics. Wherever more daylight is desired inside the room, ECLAZ is the first choice. The glass of the ECLAZ family is also suitable for the renovation of listed buildings.

VISUAL COMFORT

Extremely transparent, even in triple glazing and an extremely high colour rendering: for a bright internal atmosphere and an equally brilliant view to the outside.

THERMAL INSULATION

Perfectly insulates the interior and thus minimises central heating costs.

COMBINATIONS

SECURIT (toughened safety glass), STADIP (laminated glass), STADIP SILENCE (sound insulation) and STADIP PROTECT (injury and burglary protection)

INDOOR COMFORT

Highly efficient and optimal thermal insulation: which maximises the sun's heat, lowering a building's energy usage.

Type/Color	Ug-Value* [W/m²K]	Light transmission TL** [%]	Solar factor** [%]	ex. reflection** [%]	in. reflection** [%]
Standard composition CLIMAPLUS 4 16 4 - coating on pos. 3 on PLANICLEAR, 90% Argon					
ECLAZ and ECLAZ II	1,1	83	71	12	11
ECLAZ ONE and ECLAZ ONE II	1,0	80/79***	60	15/16***	16/18***
Standard composition CLIMATOP 4 12 4 12 4 - coating on pos. 2 and 5 on PLANICLEAR, 90% Argon					
ECLAZ and ECLAZ II	0,7	77/76***	60/59***	14	14
ECLAZ ONE and ECLAZ ONE II	0,7	70/69***	47	21/23***	21/23***

*according to EN 673 **according to EN410 ***Values may differ for toughened (II) and non-toughened coatings with the same glass compositions.



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