

PLANITHERM® ONE PLANITHERM® ONE II

Low-emissivity glass



PLANITHERM® ONE PLANITHERM® ONE II

Low-emissivity glass



DESCRIPTION

PLANITHERM® ONE is low emissivity glass with higher thermal insulation. In Double Glazing Unit (DGU) $U_g = 1.0 \text{ W/m}^2\text{K}$ in Triple Glazing Unit (TGU) $U_g = 0,5 \text{ W/m}^2$

APPLICATIONS

PLANITHERM® ONE has been developed for residential, non residential market:

- windows for both renovation and new buildings
- large area sliding bay windows

PROCESSING

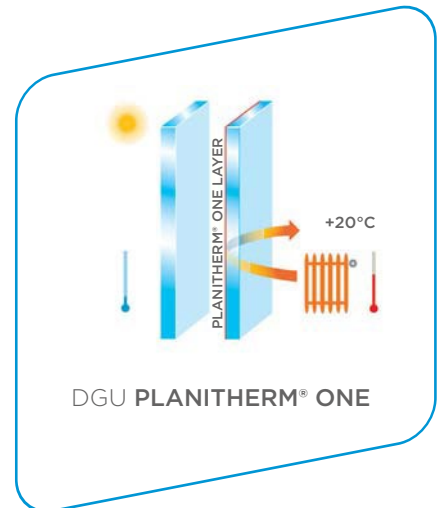
PLANITHERM ONE (II) should always be assembled into an insulating glass unit, with the coating facing the cavity of the unit. PLANITHERM ONE II must be tempered.

PRODUCT RANGE

- PLANITHERM ONE and PLANITHERM ONE II is produced in Dabrowa Gornicza Plant
- Jumbo size (PLF): 6 000 x 3 210 mm
- Thicknesses: 4 / 6 / mm
- Tempered glass: **PLANITHERM® ONE II**

ADVANTAGES

- **Energy savings**
Optimal thermal insulation
- **Lower “heating bills”**
Significant heat loss reduction
- **Thermal comfort**
No cold area around windows



PERFORMANCES

	U_g^* [W/m ² K]	(LT) ** [%]	g^{**}	Outside reflection [%]
4/16/4, 90% Argon				
PLANITHERM ONE on face #3	1,0	71	0,52	22
PLANITHERM XN on face #3	1,1	82	0,65	11
4/16/4/16/4, 90% Argon				
PLANITHERM ONE on face #2 and PLANITHERM XN on face #5	0,5	64	0,43	25

*according to EN673 **according to EN410