

SGG PLANITHERM®
ONE T

*Superior thermal
performance
low-E glass*



SGG PLANITHERM® ONE T

Superior performance low-E glass for maximum winter comfort

SGG PLANITHERM ONE T represents one of the most advanced thermal insulation performance within the SGG PLANITHERM family, Europe's best selling low-emissivity (low-E) glass and one of the UK's leading offline low-E coating brands.

Applications

SGG PLANITHERM ONE T is a low-E glass offering the lowest centre pane U-value in the SGG PLANITHERM family providing excellent thermal insulation for residential projects:

- Windows and skylights
- Patio doors, French doors and other external doors

Benefits

Enhanced Winter Comfort



- The amount of heat lost through windows is significantly reduced as the coating keeps heat from escaping through the glass

- Even in rooms with large amounts of glazing, SGG PLANITHERM ONE T retains internal heat and helps to eliminate cold spots nearest to your windows
- SGG PLANITHERM ONE T helps to keep your home warmer even on the coldest days
- Environmentally friendly solution, given the lower CO₂ emissions associated with reduced energy consumption
- Leads to greater savings on energy bills

Comfort & Aesthetics



- Helps to eliminate cold areas around windows resulting in greater comfort

- Reduces incidence of condensation on the inner pane
- Neutral appearance in both transmission and reflection
- Maximises entry of natural daylight
- Maximises use of living and working areas

(a range of contemporary textured glass) and SGG SATINOVO MATT (acid-etched glass) offer further design possibilities.

• Anti-Condensation

SGG VIEWCLEAR is a neutral anti-condensation coating designed to significantly reduce the number of days where external condensation may occur on an insulating glazing unit.

Product Combinations

By combining SGG PLANITHERM ONE T with other specialist glass products from the Saint-Gobain Glass range, a multitude of high performance solutions can be achieved.

• Acoustic Glazing

SGG STADIP SILENCE is a sound control laminated glass, which noticeably reduces noise whilst also offering the same safety and security characteristics as laminated glass.

• Vision Control

SGG DECORGLASS is a range of traditional patterned glass with varying obscuration levels which can be combined with SGG PLANITHERM ONE T to offer privacy in various applications. SGG MASTERGLASS

Technical Data

Performance Data

	DGU	TGU
External Pane	SGG PLANICLEAR	SGG PLANICLEAR
Internal Pane(s)	SGG PLANITHERM ONE T	SGG PLANITHERM ONE T
Composition in mm	4(16)4	4(16)4(16)4
Coating Positions	Face 3	Face 3/5
LT	70%	55%
LRe	21%	30%
LRi	23%	32%
g-value*	0.55	0.42
Shading Coefficient	0.63	0.49
U-Value in W/m ² K Air	1.3	0.7
90% Argon	1.0	0.5

SGG PLANITHERM ONE T meets the durability requirements of class C of European Standard EN1096. Light and solar performance are in accordance with EN410.

SGG DECORGLASS, SGG MASTERGLASS, SGG PLANICLEAR, SGG PLANITHERM, SGG SATINOVO, SGG STADIP SILENCE, SGG VIEWCLEAR and all other devices and logos are registered trademarks of Saint-Gobain.



Saint-Gobain Glass UK Ltd
Weeland Road, Eggborough
East Riding of Yorkshire, DN14 0FD, UK
www.planitherm.com



twitter.com/planitherm
www.facebook.com/planitherm