

SGG PLANITHERM® TOTAL

Advanced performance low-E glass



Part of the SGG PLANITHERM family, Europe's best selling low-E glass and the UK's market leading offline coating brand, SGG PLANITHERM TOTAL is recognised as being an essential component in improving the energy efficiency of windows. SGG PLANITHERM TOTAL is rapidly becoming the low-E glass of choice to achieve the best possible Window Energy Ratings and can help windows to qualify for Energy Saving Recommended status from the Energy Savings Trust.



Neutral Appearance

- Remarkably neutral in both transmission and reflection
- No unsightly yellow tint commonly associated with hard coat low-E products
- White curtains remain looking white from outside
- No discolouration of Georgian bars
- High light transmission maximises entry of natural daylight
- No 'haze effect'

Advanced Thermal Insulation

- Optimum centre-pane U-value of 1.2 W/m²K (4-16-4 90% argon filled)
- Offers significantly better thermal insulation than traditional low-E products
- Considerable reductions in heating bills
- Eliminates cold areas around windows
- Reduced condensation on the inner pane
- Ensures England and Wales Building Regulation compliance for all frame types via the alternative centre-pane U-value option

Window Energy Ratings

- Optimised balance of very low emissivity and high solar gain
- Can improve the energy index of a given window by around 8 kWh/m²/year when compared to hard coated low-E glazing*
- Performance advantage equivalent to changing the outer pane from float to low iron glass.

**incorporated in a typical window with a 30% frame factor*

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SAINT-GOBAIN

GLASS