

SGG E-CLEAR A



Description

Applications

SGG E-CLEAR A is a durable “single-stock” product for annealed or toughened use that does not require edge-deletion. However, an approved secondary seal must be used up to the edge of the glass in all applications. The transparent metallic coating combines good levels of thermal performance with pleasing aesthetics, making it ideal for both new build and refurbishment residential windows and doors.

This product meets the requirements of the class C products defined in the European standards EN 1096-1 and EN 1096-3. It can only be used in insulating glass units for building applications, with the coating on face 3, or alternatively on face 2, but never on face 1 or 4. It cannot be used in single glazing, opacified single glazing or laminated without edge deletion for curtain wall applications.

Range

Monolithic Glass:

Standard thickness: 4mm. Other thicknesses may be available upon request subject to minimum order quantities and lead time. Substrate: SGG PLANICLEAR clear float.

Toughened Glass:

SGG E-CLEAR A is a “single-stock” coating and therefore can be used in either annealed or toughened form. It can be toughened to meet the safety requirements of BS EN 12150.

Laminated Glass:

SGG STADIP, SGG STADIP PROTECT and SGG STADIP SILENCE laminated glass - please contact us for

lead times and availability.

Performance

Performance Data		
	DGU	
External Pane	SGG PLANICLEAR	SGG DIAMANT (low-iron glass)
Internal Pane	SGG E-CLEAR A	
Composition in mm	4(16)4	
Coating Position	Face 3	
LT	73%	74%
LRe	12%	12%
g-value	0.70	0.72
U-Value in W/m²K Air	1.5	
90% Argon	1.3	

SGG E-CLEAR A meets the durability requirements of class C of European Standard EN1096. Light and solar performance are in accordance with EN410.