

TITLE

SGG ACTIVE Pro 0.6

SUBTITLE

High performance low- emissivity glass



DESCRIPTION

SGG ACTIVE Pro 0.6 is the ultimate high transmittance low- e product, extreme energy efficiency coating glass. It offers the highest thermal insulation ever and therefore allows to get benefit from the biggest energy- savings. The coating of SGG ACTIVE Pro 0.6 is SGG PLANITHERM 1.16II, which are generally positioned on face 2 and face 5 of a triple glazed unit, with an optimum centre- pane U- value of $0.6 \text{ W/ m}^2 \cdot \text{K}$ (4-16Ar-4-16Ar-4mm, with 90% argon- filled). Renowned for its extremely neutral appearance, SGG ACTIVE Pro 0.6 very effectively reflects long- wave heat radiation back into a room, thereby minimising heat loss through a window while also maximising solar heat gain and natural light transmission. The high transmission and great thermal performance allow architects and specifiers to utilise large areas of glazing and create bright, and especially is ideal suitable for application in north regions of China.

RANGE

Product	Thickness	Dimension
ACTIVE Pro 0.6	4mm	3050mm*2134mm/2440mm 3300mm*2134mm/2440mm 3210mm*2250mm

PERFORMANCE

Product	Structure	Face	Luminous factor (%)		SC	U value (W/m ² ·K)
			TL	RLe		Argon
ACTIVE Pro 0.6	4-16-4-16-4	2/5	70	16	0.58	0.6

ADVANTAGE

Enhanced Thermal Insulation

With an optimum centre- pane U- value of $0.6 \text{ W/ m}^2 \cdot \text{K}$ (4-16Ar-4-16Ar-4mm, with 90% argon- filled), SGG ACTIVE Pro 0.6 can comfortably meet current Building Regulations by improving whole window U- vales for all frame types.

A triple- glazed unit incorporating SGG PLANITHERM1.16 II is more thermally efficient than an ordinary double- glazed unit.

Considerable reductions in heating bills

Reduces condensation on the inner pane

Eliminates cold areas around windows resulting in greater comfort

Environmentally friendly solution, given the lower CO₂ emissions associated with reduced energy consumption

Facilitates compliance with building regulations for a wider range of frame designs