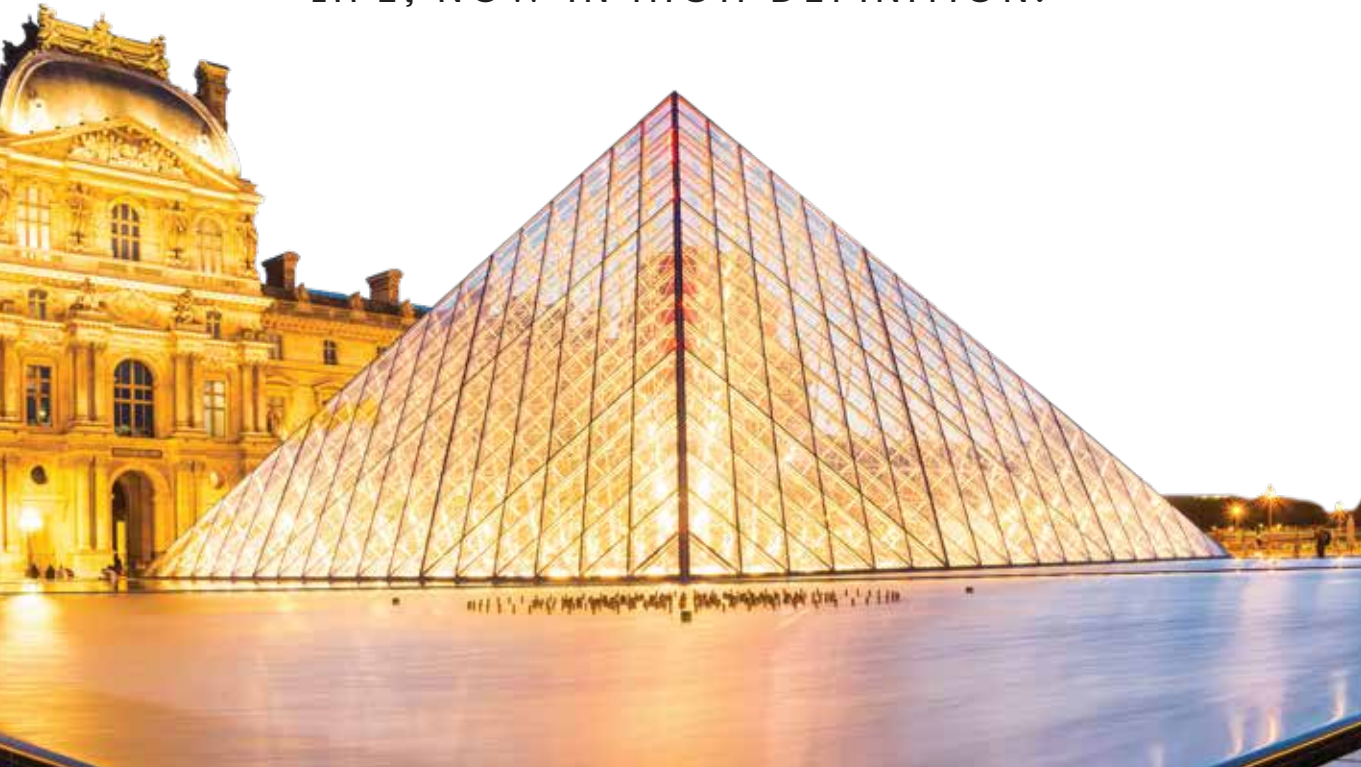
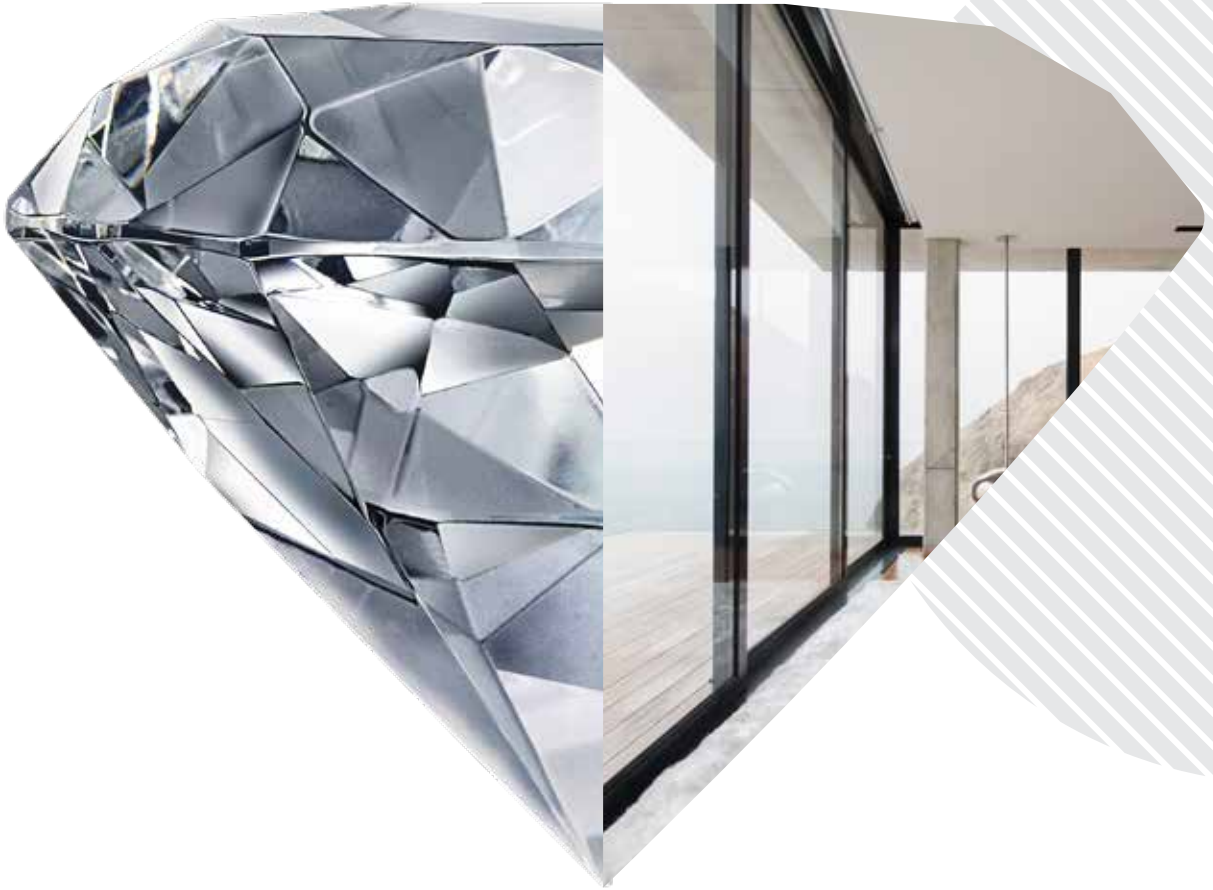


SGG **DIAMANT**
High Clarity. High Definition.

LIFE, NOW IN HIGH-DEFINITION.





SGG DIAMANT

sgg Diamant is an unique 'extra clear' High Clarity and High Definition float glass from Saint-Gobain. A result of Saint-Gobain's continuous world class research and development, sgg Diamant is significantly clearer than regular clear glass making it the world's clearest. The glass has very low iron oxide content, that gives it the extra clear properties.

Welcome to a Life, now in High Definition



ADVANTAGE SGG DIAMANT



High Definition Detailing



Pure Colour Rendering of Objects



High Clarity Viewing



APPLICATIONS

SGG Diamant is suited for many applications where the primary requirements are aesthetics, transparency and optical clarity.



DISPLAY SHOWCASES

sgg Diamant's high definition detailing and pure colour rendering complements the display of luxurious lifestyle products giving them the showcase they deserve.



FURNITURE

The crystal clear edges of sgg Diamant enable one to create strikingly beautiful furniture models wholly made of glass. They can also be blended with traditional materials. sgg Diamant finds a variety of applications in furniture – tables, table tops, glass shutters and more.



SHOP FRONTS

SGG DIAMANT guarantees clearest and high-definition views making it a must for jewellery and lifestyle outlets.



INTERIOR DESIGN AND DECORATION

SGG DIAMANT is best suited for value added applications specifically acid etching, screen/digital printing, sand blasting among others. These value added applications are widely used as partitions, doors, shower enclosures etc.



SOLAR PANELS

Given sgg DIAMANT's highest light transmittance and superior transparency, it is the first choice for use in the manufacturing of protective photovoltaic panels.



MANUFACTURING & PROCESSING

sgg DIAMANT can be Tempered, Laminated & Heat Strengthened like regular clear float glass. It is manufactured in accordance with EN 572-2

Available in thicknesses of 8, 10 & 12 mm and sizes of 3660 x 2440, 2440x1830 & 2440x1220 mm.
 Upon special request 12 mm will be available in 3660 x 2770 & 3660 x 2140 mm sizes.

PERFORMANCE DATA

	Thickness	mm	8	10	12
	Weight	kg/sqm	20	25	30
	Visible light factors				
	Transmittance TL	%	91	90	90
	External reflectance RLe	%	8	8	8
	Internal reflectance RLi	%	8	8	8
	Ultraviolet				
	Tuv	%	80	78	76
	Solar energy factors				
	Transmittance T	%	88	87	86
	External reflectance REe	%	8	8	8
	Absorbance A	%	4	5	6
	Thermal properties				
	Solar factor gEN 410		0.89	0.88	0.88
	Shading coefficient SC ISO 9050 MI		1.02	1.01	1.00



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DEALERS SIGNATURE