

SGG HARMONY

DISCOVER THE RIGHT BALANCE



SAINT-GOBAIN



Introducing the Infinity bouquet of glass products from Saint-Gobain offering a wide range of solar control and thermal insulation solutions for architectural applications. The Infinity line of products is manufactured using state-of-the-art nanotechnology in a plasma environment. The products in this series combine energy efficiency with various other features such as minimum visual glare, advanced thermal insulation, advanced solar control etc.

FEATURES

This sgg Harmony product range is manufactured by the Magnetron Sputtering technology in plasma conditions. Its functional layer of silver, imparts the property of low emissivity, a basic need for excellent thermal insulation.

RANGE

The Harmony series exemplifies the concept of balance and comes in three variants, giving the designer the freedom to explore unique creations.

The variants are:
Clear Harmony
Green Harmony
Blue Harmony

THICKNESS

Available in 5 mm, 6 mm and 8 mm thicknesses (10 mm and 12 mm thicknesses are available on request) allowing for large-sized high specification units.

DON'T MISS THE VIEW

sgg Harmony series is also available in Jumbo sizes, enabling facades with large panes so as to ensure that one does not miss out on the view.



ADVANTAGES

OPTIMUM LIGHT TRANSMISSION

sgg Harmony range is ideal for today's buildings where there is a need to optimize the high external lux levels, thus giving the occupant the benefit of optimum daylight while protecting them from the harsh glare.

ENERGY EFFICIENCY

These glasses have a significant benefit on the energy efficiency of the building by optimizing the amount of light that can be allowed in and minimizing the requirement of artificial lighting and reducing the cooling needs.

APPLICATIONS

The sgg Harmony series has to be tempered or heat strengthened before getting assembled into an IGU. For tropical climatic conditions, it is recommended to position the coated side as Face 2 in the IGU.

The product is flexible to be used in:

- Façades
- Structural glazing
- Windows
- Skylights

SGG HARMONY SERIES FOR SUSTAINABILITY

As the world leader in glass manufacturing for the construction market, Saint-Gobain worldwide has set its sights on providing innovative solutions to two key challenges of the future:

- Environmental protection
- Energy saving

The sgg Harmony series is also EPD verified. Talk to your sales representative to get the EPD details to be used while evaluating Green ratings for the project.

SGG HARMONY SERIES FOR WELLBEING

Saint-Gobain's range of products and solutions, such as sgg Harmony, strive to bring wellbeing to each of us, today and in the future, by providing comfort, performance and safety.

SGG HARMONY CONFIRMS TO:



TO KNOW MORE ABOUT GLASS FOR SUSTAINABLE BUILDINGS, PLEASE VISIT:



PRODUCT PERFORMANCE

PRODUCT	GLASS DETAILS		LIGHT FACTORS		ENERGY FACTORS		
	TRANSMITTANCE (%)	REFLECTION (%)		SOLAR FACTOR SHGC / SF	SHADING CO-EFFICIENT SC	U-VALUE (W/Sq.m K)	
		EXTERNAL	INTERNAL				
6mm Coated Glass (Coating Face 2) - 12mm Air Gap - 6mm Clear Glass							
Clear Harmony	24	23	16	0.21	0.24	1.7	
Green Harmony	20	18	16	0.17	0.19	1.7	
Blue Harmony	15	12	16	0.15	0.17	1.7	

The Infinity range of products is manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal transmittance is determined as per EN 673.