

SGG HARMONY



Description

Life is all about striking the right balance. Whether it is work-life balance, food-fitness balance, passion-profession balance, so on and so forth. We are all constantly striving to seek that perfect harmony in the things that we do all along. So, when Saint-Gobain was in the midst of researching for a new product range that sought to bring the perfect balance between light and heat, there was no word better than to call it Harmony.

India is a tropical country with illuminance of around one Lakh lux outside. It's a paradox that abundant natural light ensures wellbeing of habitat, whereas excess light brings in glare which causes visual discomfort to the occupants. Moreover, WWR (Window to Wall Ratio) of buildings is increasing at a significant rate these days which in turn lets in excess daylight and hence the need for a glass solution that optimises light transmission to prevent glare and ensure visual comfort as well as cooler interiors with heat insulation. To address this, a signature product, SGG Harmony with optimum VLT (Visual Light Transmission) and high performance was engineered that will strike the perfect balance of heat and light, so you need not choose one over the other. Rather, you get to have the best of both, thus leading to occupant comfort.

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.

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.

PRODUCT APPLICATIONS

- Facades
- Structural glazing

- Windows
- Skylights

SIZES

Available in 5,6 and 8 mm thicknesses (10 and 12 mm thickness available on request)

Jumbo sizes available as well

Performance

Double Glazing

Product	Transmission	External Reflection (%)	Internal Reflection (%)	Solar Factor (SHGC/SF)	Shading Co-efficient (SC)	U-Value (W/Sq.m K)
Clear Harmony	24	23	16	0.21	0.24	1.7
Green Harmony	20	17	16	0.16	0.19	1.7
Blue Harmony	15	12	16	0.15	0.17	1.7