

Fabrication and Availability

Solarban 60 glass can be heat-strengthened, tempered and laminated and is readily available as a standard product. Like other high-performance PPG architectural glasses, *Solarban* 60 glass is available through more than 60 locations of the PPG Certified Fabricator Network. PPG Certified Fabricators can meet tight construction deadlines and accelerate the delivery of replacement glass before, during and after construction.



Additional Resources

Solarban 60 glass is just one of the *EcoLogical Building Solutions* from PPG. For more information, or to obtain samples of *Solarban* 60 glass, call 1-888-PPG-IDEA, or visit www.ppgideasces.com. All PPG architectural glass is Cradle to Cradle Certified.^{CM}



PPG *IdeaScapes*.™ Integrated products, people and services to inspire your design and color vision.

Solarban[®] 60 Glass Performance — Commercial Insulating Glass Unit Comparisons Using 1/4" (6mm) Glass

Insulating Vision Unit Performance Comparisons 1-inch (25mm) units with 1/2-inch (13mm) airspace and two 1/4-inch (6mm) lites; as shown below											
Glass Type	Transmittance			Reflectance		U-Value (Imperial)		European U-Value	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
	Ultra-violet %	Visible %	Total Solar Energy %	Visible Light %	Total Solar Energy %	Winter Night-time	Summer Day-time				
SOLARBAN[®] 60 Solar Control Low-E Glass											
SOLARBAN 60 (2) STARPHIRE*	25	74	38	11	43	0.29	0.27	1.55	0.46	0.40	1.85
SOLARBAN 60 (2) Clear + Clear	19	70	33	11	29	0.29	0.27	1.55	0.44	0.38	1.85
SOLEXIA + SOLARBAN 60 (3) Clear	10	61	25	11	11	0.29	0.27	1.55	0.42	0.36	1.70
ATLANTICA + SOLARBAN 60 (3) Clear	5	53	20	9	7	0.29	0.27	1.55	0.35	0.30	1.78
CARIBIA + SOLARBAN 60 (3) Clear	8	54	20	9	7	0.29	0.27	1.55	0.35	0.31	1.74
AZURIA + SOLARBAN 60 (3) Clear	13	54	21	9	7	0.29	0.27	1.55	0.36	0.31	1.75
PACIFICA + SOLARBAN 60 (3) Clear	5	34	15	6	7	0.29	0.27	1.55	0.29	0.25	1.36
SOLARBLUE + SOLARBAN 60 (3) Clear	10	45	21	8	13	0.29	0.27	1.55	0.37	0.32	1.39
SOLARBRONZE [®] + SOLARBAN 60 (3) Clear	8	42	20	7	17	0.29	0.27	1.55	0.36	0.31	1.36
SOLARGRAY + SOLARBAN 60 (3) Clear	8	35	17	7	13	0.29	0.27	1.55	0.32	0.28	1.26
OPTIGRAY 23 + SOLARBAN 60 (3) Clear	3	18	9	5	6	0.29	0.27	1.55	0.21	0.18	1.02
GRAYLITE + SOLARBAN 60 (3) Clear	2	11	7	5	10	0.29	0.27	1.55	0.20	0.17	0.64
VISTACOO[™] Glass with SOLARBAN[®] 60 Solar Control Low-E (3)											
VISTACOO (2) AZURIA + Low-E	11	42	16	20	11	0.29	0.27	1.55	0.30	0.26	1.61
VISTACOO (2) CARIBIA + Low-E	7	42	16	20	11	0.29	0.27	1.55	0.29	0.25	1.66
VISTACOO (2) PACIFICA + Low-E	4	26	12	11	9	0.29	0.27	1.55	0.24	0.21	1.23
VISTACOO (2) SOLARGRAY + Low-E	7	27	14	11	15	0.29	0.27	1.55	0.28	0.24	1.13
SOLARCOOL[®] Glass (Reflective) with SOLARBAN[®] 60 Solar Control Low-E (3)											
SOLARCOOL (2) SOLEXIA + Low-E	3	24	10	24	15	0.29	0.27	1.55	0.22	0.19	1.26
SOLARCOOL (2) CARIBIA + Low-E	2	21	8	19	10	0.29	0.27	1.55	0.19	0.16	1.30
SOLARCOOL (2) AZURIA + Low-E	4	21	8	19	10	0.29	0.27	1.55	0.19	0.16	1.31
SOLARCOOL (2) PACIFICA + Low-E	2	13	6	10	8	0.29	0.27	1.55	0.17	0.15	0.89
SOLARCOOL (2) SOLARBLUE + Low-E	3	17	9	14	15	0.29	0.27	1.55	0.21	0.18	0.97
SOLARCOOL (2) SOLARBRONZE + Low-E	3	17	9	14	18	0.29	0.27	1.55	0.21	0.18	0.92
SOLARCOOL (2) SOLARGRAY + Low-E	2	14	7	11	14	0.29	0.27	1.55	0.19	0.16	0.86
SOLARCOOL (2) GRAYLITE + Low-E	<1	3	2	5	5	0.29	0.27	1.55	0.12	0.10	0.28

* Data based on using *Starphire* glass for both interior and exterior lites.

All performance data calculated using LBNL Window 5.2 software, except European U-Value, which is calculated using WinDat version 3.0.1 software. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit www.ppgideasces.com or request our Architectural Glass Catalog.

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