



Anti-reflective Coated Solar Glass

FMG Sunextra – G1

(Double Side Coating)

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1. Product Description

Name	FMG Sunextra – G1
Type	Anti-reflective coating (double side) Available on FMG Suntex (PM) and FMG Sunlite (MM)
Description	FMG Sunextra – G1 is a double-side coating deposited on low iron pattern glass (FMG Suntex and FMG Sunlite) and cured during tempering process, the coating minimizes the reflections at the glass without affecting the adhesion between the glass and EVA in laminating process.
Application	Cover glass for PV modules and thermal collectors

2. Main Characteristics

Transmission increase (at normal incidence)	Up to 6%
Pmax (STC)	Up to 2.5%
Power output increase (in actual conditions)	Up to 7%
Appearance	Neutral appearance

FMG can evaluate these values according to other standards, and can adjust the coating parameter according to customer's response curve of the cells to get the desired result.

3. Durability Test

Damp heat test	IEC 61215	Passed
Thermal cycle test	IEC 61215	Passed
Climate test (SO ₂)	EN1096-2 (DIN 50018)	Passed
Salt spray test	EN1096-2 (DIN 50021)	Passed
Abrasion test (Crockmeter test)	EN1096-2	Passed
Hail impact test	IEC 61215	Passed

4. Light transmission vs incidence angle

