



Solar Gard® Solar Control and Safety & Security Window Films

AC 14 Mil Clear



Performance Results

4mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	87	79
--------	---------------	----	----

Solar Energy

IR (%)	IR Rejection 780 to 2500nm	32	-
UV (%)	UV @300 to 380 nm	>99	>99
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	62	56
FR (%)	Fade Reduction Factor	27	24

Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	350/375
TS- kg/cm ²	Tensile strength	2,11
ELONG	Elongation	>100%
PEEL - g/cm	Peel Strength	>985
YIELD - kg/cm ²	Yield Strength (at 5%)	37,8
BREAK - kg/cm	Break Strength	77
TEAR - kg	Tear Strength (Graves)	10,5
PUNC - kg	Puncture Strength	104,3

Safety Testing ⁽¹⁾

EN 12600	Human Impact	1B1
EN 356	Resistance to Manual Attack	Y
ISO 16933, GSA or ASTM	Bomb Blast Resistance	Y

⁽¹⁾ for details on available safety testing and test reports, consult www.solargard.com or inquire with your local authorized dealer/distributor.

SXE0310ARCH-INT 03/15 © Copyright 2015, Saint-Gobain Solar Gard and/or its affiliates • All Rights Reserved • www.solargard.com

