

4 mil Clear

MECHANICAL PROPERTIES

Thickness	4 mil
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

OPTICAL & SOLAR PROPERTIES

3mm Single

Visible Light Transmitted	89%
Visible Light Reflected (Int)	10%
Visible Light Reflected (Ext)	10%
Ultra Violet Block	97%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	81%
Total Solar Energy Absorbed	10%
Glare Reduction	1%
Shading Coefficient	0.96
Solar Heat Gain Coeff. (G-Value)	0.84
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected	16%

R12306T PS

SAFETY ACCREDITATIONS

Impact	AS/NZS 2208	✓
	ANSI Z97.1 (12" pendulum fall)	✓
	ANSI Z97.1 (18" pendulum fall)	✓
	CPSC 1201 Category 1 (18" pendulum fall)	✓
	CPSC 1201 Title 16 (48" pendulum fall)	✓
	BS 6206 Class B	✓
	EN 12600 Class 2B2	✓
Anti Graffiti	Paris Metro Anti Graffiti	✓
Fire	ASTM D1929 Ignition	✓
	ASTM E84 Surface Burn	✓
Bomb Blast	GSA Level C (4 psi, 30psi/msec)	P(3B)

EG-E DS No 1221, March 2012

safety & security

