



## LIQUID NANOTINT PRODUCT DATA SHEET

### OVERVIEW

Liquid Nanotint® is a thermal insulation coating ideal for single-pane glass and polycarbonate surfaces. Applied like a paint, Liquid Nanotint is capable of blocking 100% of Ultraviolet (UV) rays, up to 95% of Infrared (IR) rays and maintaining up to 78% Visible Light Transmittance (VLT).\* Through the combination of solvent borne metal-oxide nano-particles and an inorganic adhesive binder, Liquid NanoTint forms a 10 micron thick self-leveling clear coat that bonds directly to glass and polycarbonate surfaces.

### USES

- ▶ Commercial glass
- ▶ Residential glass
- ▶ Glass manufacturing
- ▶ Polycarbonate materials
- ▶ Skylights

### FEATURES

- ▶ Blocks up to 100% of UV Rays
- ▶ Blocks up to 95% of Infrared Rays
- ▶ Maintains up to 72% visible light transmittance
- ▶ Reduces seasonal heating/cooling costs
- ▶ Cost effective & environmentally friendly
- ▶ Easy application by custom paint roller
- ▶ Can be applied on top of or under window film
- ▶ Fully cures in 14 days
- ▶ Zero off gassing when fully cured
- ▶ 10 Year Warranty

### STORAGE

Coverage: 25-30 g/m<sup>2</sup>

Storage: Before mixing - 1 year. After mixing - 2 hours (at 70°F/21°C)

	UNCOATED FLOAT GLASS - 3MM	LIQUID NANOTINT
VISIBLE LIGHT TRANSMISSION (%)	92	72
TOTAL SOLAR ABSORPTION (%)	6	47.4
TOTAL SOLAR REFLECTION (%)	8	6.1
TOTAL SOLAR TRANSMISSION (%)	86	46.6
INFRARED REJECTION (%)	16	95
ULTRAVIOLET REJECTION (%)	29	99.9
SOLAR HEAT GAIN COEFFICIENT	0.88	0.63
SHADING COEFFICIENT	1	0.72

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