



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 99.9% of Ultraviolet (UV) rays, up to 85% of Infrared (IR) rays and maintaining up to 80% 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	FEATURES
<ul style="list-style-type: none"> ▶ Commercial glass ▶ Residential glass ▶ Glass manufacturing ▶ Polycarbonate materials ▶ Skylights 	<ul style="list-style-type: none"> ▶ Blocks up to 99.9% of UV Rays ▶ Blocks up to 85% of Infrared Rays ▶ Maintains up to 80% visible light transmittance ▶ Reduces seasonal heating/cooling costs ▶ Cost effective & environmentally friendly ▶ Easy application by custom paint roller or HVLP sprayer ▶ 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/m²

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

	UNCOATED FLOAT GLASS - 3MM	LIQUID NANOTINT
VISIBLE LIGHT TRANSMISSION (%)	92	80
TOTAL SOLAR ABSORPTION (%)	6	47.4
TOTAL SOLAR REFLECTION (%)	8	6.1
TOTAL SOLAR TRANSMISSION (%)	86	46.6
INFRARED REJECTION (%)	16	85
ULTRAVIOLET REJECTION (%)	29	99.9
SOLAR HEAT GAIN COEFFICIENT	0.88	0.53
SHADING COEFFICIENT	1	0.72

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