



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% of Ultraviolet (UV) rays, up to 80% of Infrared (IR) rays and maintaining up to 75% 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 99% of UV Rays
- ▶ Blocks up to 80% of Infrared Rays
- ▶ Maintains up to 75% visible light transmittance
- ▶ Reduces seasonal heating/cooling costs
- ▶ Cost effective & environmentally friendly
- ▶ Easy application by custom paint roller
- ▶ Fully cures in 14 days
- ▶ 15 Year Warranty

STORAGE

Coverage: 1 Kg Kit / 375 ft² (35 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	75
TOTAL SOLAR ABSORPTION (%)	6	47.4
TOTAL SOLAR REFLECTION (%)	8	6.1
TOTAL SOLAR TRANSMISSION (%)	86	46.6
INFRARED REJECTION (%)	16	80
ULTRAVIOLET REJECTION (%)	29	99
SOLAR HEAT GAIN COEFFICIENT	0.88	0.53
SHADING COEFFICIENT	1	0.72

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