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 ft^2 (35 m^2)
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