



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 | FEATURES |
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| <ul style="list-style-type: none"> ▶ Commercial glass ▶ Residential glass ▶ Glass manufacturing ▶ Polycarbonate materials ▶ Skylights | <ul style="list-style-type: none"> ▶ 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 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 | 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 | 0.53 |
| SHADING COEFFICIENT | 1 | 0.72 |

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