

MicroCure IR

MicroCure IR is a water-based polyurethane paint engineered for smoothness, slipperiness and low surface energy. Smoothness, slipperiness and low surface tension reduces ice accumulation and water-film formation on painted surfaces. MicroCure is also hard, prevents corrosion, oliophobic and hydrophobic with a low roll-off angle to water.

Technical Data

Appearance	Cloudy liquid
Colors	Clear
Odor	Light organic odor
Flammable	No
Density	1.0 g/ml
Soluble in Water	Yes
Hazardous decomposition	> 250°C
Toxicity	No

Performance

Tests	Property	MicroCure compared to polyurethane paint
Ice Pull off	Adhesion	50% easier
Ice slide-off	Icephobicity	50% faster ice slide
Blasting test	Ice Erosion	40% faster ice release
Climatic Chamber	Ice adhesion	60% Ice reduction
Wind Tunnel Tests	Hydrophobicity	Significant reduction in ice accumulation

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