



Advanced Thermal Barrier Coatings for Refrigerated Transport

Invisaflects® is a high-performance heat reflective coating engineered directly for cold chain operators and food distributors. By blocking solar radiant heat transfer through the trailer roof, it drastically reduces transport refrigeration unit (TRU) workload and fuel consumption.

QUANTIFIED FUEL SAVINGS

10%

Average Savings on New Equipment

Maximizes efficiency on brand new trailers immediately out of production by preventing initial heat absorption.

50%

Up to 50% Savings on Mature Assets

Trailing savings increase substantially as the fleet ages, offsetting insulation breakdown directly at the source.

THE AGING FLEET PROBLEM

As a refrigerated semi-trailer ages, its core polyurethane insulation naturally degrades due to road vibration, moisture infiltration, and thermal outgassing. This decay leaves older trailers inherently less efficient than when they were new, forcing TRU systems to run longer cycles. Because Invisaflects blocks the radiant heat load before it reaches the compromised insulation, the relative fuel savings increase dramatically over time.

STREAMLINED FLEET TURNAROUND

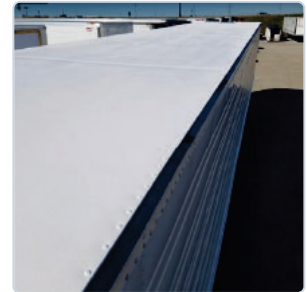
- **4-Hour Application:** A single asset is completely treated and coated in just 4 hours.
- **High Volume Staging:** When fleet trailers are staged sequentially, an experienced team can complete **4 trailers in a standard 8-hour shift.**
- **Zero Logistical Footprint:** Seamlessly integrates into scheduled maintenance intervals.



APPLICATION TRANSFORMATION



1. BARE ALUMINIUM



2. INVISAFLECTS PROTECTED

FLEET IMPACT

In competitive logistics, diesel consumption is a volatile operational expense. Protecting your assets with Invisaflects provides immediate line-item fuel cost reductions, extends TRU lifespans, and reduces cold-chain carbon footprints.

PROTECT YOUR CARGO. OPTIMIZE YOUR BOTTOM LINE.

Contact us today to schedule a pilot or fleet evaluation program.
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