

PERFORMANCE REPORT ON APPLICATION OF THERMACOOL SHR COATING - 28TH Aug 2021

Client : Vijay Logistics Pvt. Ltd., NH-48, Kapriwas Chowk, Kapriwas – Akeda Road, Kapriwas, District Rewari, Haryana

Product Manufacturer : Thermogreen Cool Coat Pvt. Ltd.
Regd. Office: E-24, Panchsheel Park, New Delhi – 110017, Tel: 011-26184076
Mumbai Office:
A-107, Kailash Industrial Complex, Park Side Road, Vikroli (W) - 400079

Substrate : Container Truck – Corrugated Metal Substrate

Product/s Applied : Thermacool STP (Primer) – 1 Coat of 80 – 100 microns

Product/s Applied : Thermacool 0.3M (Topcoat) – 2 Coats totaling to 100 – 120 microns

	Reading	Uncoated	Coated	Difference
RHS Surface	48.6°C	39.2°C	9.4°C	
LHS Surface	47.6°C	38.3°C	9.3°C	
Door Surface	50.5°C	39.9°C	10.6°C	
Roof Surface	61.1°C	39.2°C	21.9°C	
Inside Ceiling	57.1°C	41.7°C	15.4°C	



Uncoated Container Truck under Cleaning



After Application of Thermacool STP (Primer)



After Application of 2 Coats of Thermacool 0.3M

Ambient Temperature - 28th Aug 2021, 12:24 PM





Coated and Uncoated Trucks under testing



LHS Temp Difference= $47.6^{\circ}\text{C} - 38.3^{\circ}\text{C} = 9.3^{\circ}\text{C}$
(the LHS and RHS Temp difference was same)



Joint Inspection Team



Door Temp Difference= $50.5^{\circ}\text{C} - 39.9^{\circ}\text{C} = 10.6^{\circ}\text{C}$



Roof Temp Difference= $61.1^{\circ}\text{C} - 39.2^{\circ}\text{C} = 21.9^{\circ}\text{C}$



Ceiling Temp Difference= $57.1^{\circ}\text{C} - 41.7^{\circ}\text{C} = 15.4^{\circ}\text{C}$

Conclusion: Significant temperature difference was observed after application of Thermacool System on the container truck. The inside of the container coated with Thermacool System felt very much cooler as compared to uncoated container.



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Mr. Manish Darak
(Shree Balaji Enterprises)



Mr. Mukesh Jangra
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