



Surface Engineering & Coating Consultant

A Reliable Paint Testing & Certification Laboratory



M/s. Thermogreen Cool Coat Pvt. Ltd.
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October 1, 2019

Ref, No. nil & Your email dated May 20, 2019


Project No. : SECC/51/2019

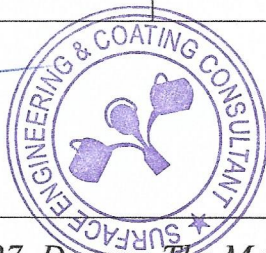
Dear Sir,

Subject: Test Report on the characterization of Thermacool STP and Painted steel panel, coated using STP

Find hereby the test report on the properties of the STP Primer and test results of that coated steel panel with STP to a thickness of 80-100 μm .

Sr. No.	Test Parameter	Test methods	Specification	Result
1.	Density of mix (Base + Hardener)	ASTM D 1475	1.52 – 1.58 g/ml	1.57 g/ml
2.	% NVM	ASTM D 2369	82 - 85 %	84.50%
3.	Cross Hatch Adhesion	ASTM D 3359	Passes Class 5B	5B
4.	Pull off Adhesion	ASTM D 4541	7.0 – 9.0 MPa	8.2 MPa (avg.)
5.	Condensation (Humidity) Test	ASTM D 2247	Passes 1000 Hrs. No rusting, film delamination or blistering	No blisters, rusting Passes
6.	Salt Spray Test	ASTM B117	Passes 1000 Hrs. No rusting, film delamination or blistering	No blisters, rusting Passes
7.	5% NaOH Immersion Test	ASTM D 3912	Passes 168 Hrs. No rusting, film delamination or blistering	No rusting, delamination Passes
8.	5% HCL Immersion Test	ASTM D 3912	Passes 168 Hrs. No rusting, film delamination or blistering	No rusting, delamination Passes


Prof. A. S. Khanna
Authorize Signature



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