



Surface Engineering & Coating Consultant

A Reliable Paint Testing & Certification Laboratory

UG-27, Dreams The Mall, L.B.S. Road, Bhandup (W), Mumbai - 700048

Email: info@secclab.com, Web: www.secclab.com, Tel: 022-49792544



M/s. Thermogreen Cool Coat Pvt. Ltd.
104, Taj Apartment, Panchsheel Park,
Near Safdarjung Hospital, New Delhi - 110029.

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 WP 51 sample, its dried film and coated panel with (WP51:Cement::1:0.5)^{v/v} Coating.

Find hereby the test report on the properties of Thermacool WP 51 Water Proofing Primer / Coating and test results of the same.

Sr. No.	Test Parameter	Test methods	Specification	Result
1.	Density	ASTM D 1475	1.00 – 1.13 g/ml	1.10 g/ml
2.	% Solid Content	ASTM D 2369	50 ± 2 %	50.24%
3.	Cross Hatch Adhesion (Mix: WP51:Cement::1:0.5)	ASTM D 3359	Passes 5B	5B
4.	Tensile Strength % Elongation (Mix: WP51:Cement::1:0.5)	ASTM D 638	2 to 3 MPa Passes 450%	2.26 MPa Passes 501.5%
5.	QUV "A" Weathering Test Passes 500 Hrs min. (Mix: WP51:Cement::1:0.5)	ASTM G-154	Pass 500 Hrs.	Gloss Change: 2.5, ΔE: 1.5, no peeling, no checking, no cracking and no blistering
6.	Water Absorption	ASTM D 570	< 0.1 %	0.01 % in 24 hrs.
7.	Water Permeability	ASTM D 1653	< 0.001 mg/m ² /day	0.00023 mg/m ² /day
8.	Water Proofing	Visual	No permeation thru coating in 7 days exposure to water	A test carried out for 7 days with WP51 applied on a concrete plate did not show any wetting of concrete after 7 day exposure to water

Mr. Rajkumar V. K
Lab Technician



Prof. A. S. Khanna
Authorize Signature