



SPADE TESTS CERTIFICATES

Emulsion parameters satisfied under
IS:15489-2013”



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

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TEST REPORT

NO : C1/0000388414

Issued To :

Client Code : (BHIW01J1036)
JPL INNOVATIONS PVT LTD
PLOT NO E-344A
PHASE-I, RIICO INDUSTRIAL
AREA
BHIWADI
RAJASTHAN-301019
Kind Attn: MR SURESH SAHOO

Date of issue : 21-03-2025
Job No : 2503-1-182-43
Booking No : RG2425/1/9702
Booking Date : 01-03-2025
Customer Ref No. : EMAIL
Customer Ref Dt. : 01-03-2025
Location : Laboratory

SHRIRAM INSTITUTE

Sample Description:

ONE SAMPLE DESCRIBED AS SPADE - PREMIUM WASHABLE EMULSION Characteristics: -
Mild Sheen Excellent Washability Smooth Surface LABELLED AS MFG DATE 25.02.25 LOT NO 40 WAS RECEIVED.

"THE SAMPLING WAS NOT CARRIED OUT BY SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH. THE SAMPLE DETAILS PROVIDED IN THE TEST CERTIFICATE ARE BASED ON DECLARATION BY THE SPONSOR."

Job. Order No. 2503-1-182-43

TEST RESULTS

AS PER IS: 15489-2013

S.NO.	Tests	Observation	Specified Requirement	Conformity
1	Conditions in the container	Satisfactory (The material is free from odour of putrefaction and free from lumps,skins and no settling is observed)	The material shall be free from odour of putrefaction. It shall be free from lumps,skins and the condition of the material shall be such that settling, if any may be easily incorporated on stirring	Yes
2	Opacity	Passes the test	To pass the test	Yes
3	Thinning	Satisfactory (When suitably thinned with water the material is mix readily with minimum amount of foaming to a smooth and homogeneous state)	When suitably thinned with water the material shall mix readily with minimum amount of foaming to a smooth and homogeneous state The foaming if any may dissipate rapidly	Yes

Reviewed and Authorized by
EMPLOYEE CODE:(4209)



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4	Application Properties	Satisfactory (The material after thinning is suitable for application by brush, spray or roller. The resulting film is not show Pigment flocculation, coarseness or other undesirable characteristics)	The material after recommended thinning shall be suitable for application by brush, spray or roller. The resulting film shall not show Pigment flocculation, coarseness or other undesirable characteristics	Yes
5	Recoating properties	Passes the test	To pass the test	Yes
6	Finish	Smooth and Uniform	Smooth and Uniform	Yes
7	Accelerated Storage Stability	Passes the test	To pass the test	Yes
8	Colour	White	Close match to IS colour specified otherwise as agreed between the manufacturers and the users	Yes
9	Washability and Cleanability	Does not pass the test (after 2500 Oscillations, Film defects is observed)	To pass the test	No
10	Drying Time			
	a) Surface Dry	20 minutes	45 minutes (max)	Yes
	b) Hard Dry	2 hours 10 minutes	4 hours (max)	Yes
11	Consistency	Passes the test	To pass the test	Yes
12	Gloss, 60°	3	0-10	Yes
13	Mass in kg/10 L	15.0	Shall not differ by more than ±3 percent from that of the approval sample.
14	Resistance to Alkali	Passes the test	To pass the test	Yes

NOTE : 1) No Opinion could be given regarding the conformity of test bearing S.No. 13 as the value of approved sample was not declared by the sponsor.

Date of receipt : 01.03.2025

Date of start : 03.03.2025

Date of completion: 20.03.2025

" END OF REPORT"

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