



सत्यमेव जयते

भारत सरकार Government of India

राष्ट्रीय परीक्षण शाला (पू.क्षे.)

National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जजसेस कोर्ट रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



PART A. PARTICULARS OF SAMPLE SUBMITTED

PARTIAL TEST REPORT

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No: **NTH(ER)/CH(OD)/22/1471_1** SRF Number: **NTH(ER)/CH(OD)/22/1471** जारी होने की तिथि/Date of issue: **02 Jan, 2023** कोड सं/QR Code/Barcode: **NTH220010573**

a) जिसे जारी करना है/Issued To	:	Rawal Shri Mallinathji's And Rani Rupadeoji's Malajal Enterprises
b) पता/Address	:	Khasra No - 520/135, Tehsi-Pachpadra, Jasol-Tilwara Road, PO & Village - Mewanagar, Barmer, Rajasthan - 344022, Balotra, Barmer, Rajasthan, India - 344022
c) ग्राहक का संदर्भ सं एवं दिनांक/ Customer's Ref. No.	:	TR/ER/22/2700 - 11 Nov, 2022
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Applicable
e) परीक्षण सामग्री का विवरण/ Description of Test item	:	Distemper Paint made using cow dung. Make: Rawal Shri Mallinathjis and Rani Rupadeojis Malajal Enterprises
f) नमूना का विशिष्टता (यदि हो)/Product Specification(if any)	:	IS 428 (2013) - Washable distemper - Specification (Third Revision)
g) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item	:	16 Nov, 2022
h) कार्य सम्पादन की तिथि/Date(s)of Performance of Tests	:	From: 20 Dec, 2022 To:
i) Quantity	:	1.0 kg
j) Any other Information / Expiry Date, If any	:	IS- 428 (2013) - Distemper paint
k) Section Code	:	22CHPF750N
l) Section Report No.	:	22CHPF750N_1
m) Report Type	:	New
n) Reference Report No.	:	
o) Remarks	:	Report sent

Bipin Kumar
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 02 Jan, 2023 13:19 PM

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11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



Section Report No. : 22CHPF750N_1

IS 428 (2013)

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रसि हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	Distemper Paint made using cow dung. Make: Rawal Shri Mallinathjis and Rani Rupadeojis Malajal Enterprises
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	As referred in IS 428:2013 RA 2018
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	As per Specification
7.	पर्यावरण की स्थिति/Environmental Conditions	As per Specification
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	Xenon Arc wetherometer
9.	कैलिब्रेशन स्थल/Site of Calibration	-
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 29 Dec, 2022 15:46 PM

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Section Report No. : 22CHPF750N_1

IS 428 (2013)

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	6.9.2.2	toxic metals as lead, cadmium, chromium (VI) and their compounds	toxic metals as lead, cadmium, chromium (VI) and their compounds	-	0.1	%	0.002 (% by mass)
2	6.1	Form and condition	The material shall be in the form of a homogeneous paste, free from lumps and skins. The material shall have no odour of purification as such and when mixed with water.	-	-	-	homogeneous paste, free from lumps and skins, no odour of purification as such and when mixed with water.
3	6.2	Thinning	The material when thinned with water, 50 percent by mass of paint, the material shall mix readily with minimum amount of foaming to a smooth and homogenous state.	-	-	-	The material readily mixes with water (50% by mass of paint) with minimum amount of foaming to a smooth and homogeneous state.
4	6.3	Application	The material after recommended thinning shall be suitable for application by brush. The resulting film shall be smooth and uniform.	-	-	-	The material after thinning is suitable for application by brush & the resulting film is smooth and uniform.

Milton Baidya
Lab Sc. Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
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Section Report No. : 22CHPF750N_1

IS 428 (2013)

PART D. REMARKS

In respect of tests carried out the sample meets the requirements of IS 428:2013 RA 2018 specification for WASHABLE DISTEMPER

PART D. Notes

Nil

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OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
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TC-5635

ULR : TC563522100001039F

NABL A. PARTICULARS OF SAMPLE SUBMITTED

PARTIAL TEST REPORT

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No: NABL/NTH(ER)/CH(OD)/22/1471_1 SRF Number: NTH(ER)/CH(OD)/22/1471 जारी होने की तिथि/Date of issue: 02 Jan, 2023 कोड सं/QR Code/Barcode : NTH220010573

a) जिसे जारी करना है/Issued To	:	Rawal Shri Mallinathji's And Rani Rupadeoji's Malajal Enterprises
b) पता/Address	:	Khasra No - 520/135, Tehsi-Pachpadra, Jasol-Tilwara Road, PO & Village - Mewanagar, Barmer, Rajasthan - 344022, Balotra, Barmer, Rajasthan, India - 344022, Balotra, Barmer, Rajasthan, India - 344022
c) ग्राहक का संदर्भ सं एवं दिनांक/ Customer's Ref. No.	:	TR/ER/22/2700 - 11 Nov, 2022
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Applicable
e) परीक्षण सामग्री का विवरण/ Description of Test item	:	Distemper Paint made using cow dung. Make: Rawal Shri Mallinathjis and Rani Rupadeojis Malajal Enterprises
f) नमूना का विशिष्टता (यदि हो)/ Product Specification(if any)	:	IS 428 (2013)
g) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item	:	16 Nov, 2022
h) कार्य सम्पादन की तिथि/Date(s)of Performance of Tests	:	From: 20 Dec, 2022 To:
i) Quantity	:	1.0 kg
j) Any other Information / Expiry Date, if any	:	IS- 428 (2013) - Distemper paint
k) Section Code	:	22CHPF750N_NABL
l) Section Report No.	:	22CHPF750N_1_NABL
m) Report Type	:	New
n) Reference Report No.	:	
o) Remarks	:	Report sent

Bipin Kumar
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 02 Jan, 2023 13:19 PM

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TC-5635

ULR : TC563522100001039F

Section Report No. : 22CHPF750N_1

IS 428 (2013)

NABL B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रसि हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	Distemper Paint made using cow dung. Make: Rawal Shri Mallinathjis and Rani Rupadeojis Malajal Enterprises
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	As referred in IS 428:2013 RA 2018
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	As per Specification
7.	पर्यावरण की स्थिति/Environmental Conditions	As per Specification
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	Xenon Arc wetherometer
9.	कैलिब्रेशन स्थल/Site of Calibration	-
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
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TC-5635



ULR : TC563522100001039F

Section Report No. : 22CHPF750N_1

IS 428 (2013)

NABL C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	6.9.2.1	volatile organic compounds % by mass	As prescribed in IS 101 (Part 2/Sec 1) and IS 101 (Part 2/ Sec 2)	-	5.0	%	4.45 (% by mass)
2	6.5	Lead Restriction	-	-	300.0	ppm	6.95 (ppm)
3	6.7 i. (a)	Drying time a) surface dry	1	-	30.0	Minutes	30.0 (Minutes)
4	6.7 i. (b)	Drying time b) Hard dry	1	-	4.0	Hr	4.0 (Hrs)
5	6.7 ii	ii) Consistency	Smooth and uniform paste suitable for application by brushing after thinning	-	-	-	Smooth and uniform paste suitable for application by brushing after thinning
6	6.7 iii	iii)Finish	Smooth and matt	-	-	-	Smooth and matt
7	6.7 iv	iv) Colour	Close match to the colour as agreed between purchaser and the supplier	-	-	-	White
8	6.7 v	v) Fastness to light	Passes the test, if there shall be no appreciable colour change observed when compared to the unexposed panels	-	-	-	Passes the test, no appreciable colour change was observed when compared to the unexposed panels.
9	6.7 Vi	vi) Residue on sieve % by mass	1	-	1.0	%	0.02 (% by mass)
10	6.7 Vii	vii) Recoating properties	To pass the test	-	-	-	Passes the test as the second coat is applied without lifting or working up of the first coat and the paint did not exhibit any colour separation, sagging etc.
11	6.7 viii	viii) Resistance to alkali	To pass the test	-	-	-	Passes the test as no colour change was observed of the film after the test.
12	6.7 ix	ix)Acc storage stability	To pass the test	-	-	-	passes the test as the material is free from lumps, skins and capable of thinning suitably for application by brushing on concrete panel

Milton Baidya
Lab Sc. Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
 (Authorized Signatory)

AJAY APPARAO UKARANDE
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TC-5635



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Section Report No. : 22CHPF750N_1

IS 428 (2013)

NABL D. REMARKS

In respect of tests carried out the sample meets the requirements of IS 428:2013 RA 2018 specification for WASHABLE DISTEMPER

NABL D. Notes

Nil

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
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