



सत्यमेव जयते

भारत सरकार
Government of India

FORM NO : NTH/ALP/F/5



राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027
11/1, Judges Court Road, Alipore, Kolkata - 700 027

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं
Test Certificate No
NTH(ER)/CH(OD)/2018/0015G

जारी होने की तिथि
Date of Issue
04/12/2018

कोड नं
Code No
1537949176275

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जिसे जारी करना है
Issued To

MONALISA COLOUR & CHEMICAL CO.

पता
Address

9,Pran Krishna Mukherjee Road, Kolkata- 700002

ग्राहक का संदर्भ सं एवं दिनांक
Customer's Ref. No.

NIL

Date: 24/09/2018

पंजीक सं एवं दिनांक
Register No & Date

0015/NTH(ER)/CH(OD)/27/09/2018

परीक्षण सामग्री का विवरण
Description of Test Item

Floor decor 'Terracotta'(INT/EXT plastic emulsion for floors).
(Swagat Floor Decor INT/EXT plastic emulsion)

परीक्षण सामग्री का पहचान
Identification of Test Item

Three 500 ml plastic container received having name Floor
decor 'TERRACOTTA'and Batch no FD/622/24/9/18.

नमूना का विशिष्टि (यदि हों)
Product Specification (If any)

IS 15489:2004.

नमूना प्राप्ति की तिथि
Date of Receipt of the Test Item

26/09/2018

कार्य सम्पादन की तिथि
Date(s) of Performance of Tests

From: 28/09/2018 To: 30/11/2018

व्यावहृत प्रणाली का पहचान
Method(s) used for Test

On the lines of IS 15489:2004 and IS 101.

As per specification.

नमूना प्रक्रिया जहाँ प्रासंगिक हों
Sampling Procedure where relevant

Tested By

Subhashree Mondal
Subhashree Mondal
SA(Chemical)

Checked By

Susanta Kumar Ratha
Susanta Kumar Ratha
SO (Chemical)

Approved By

Dr. Anath Bandhu Mondal
Dr. Anath Bandhu Mondal
Scientist- B (Chemical)



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Sl. No.	Test Name	Test Result	Limit
1	Condition	Good. Sample is free from lump, skin and settling.	Good
2	Consistency	Smooth and uniform and suitable for application by brushing.	Suitable for application by brushing
3	Surface Dry	Less than 45 minutes.	Class A & B Max. 45 min. , Class C & D Max. 90 min.
4	Hard Dry	Less than 4 hours.	Class A & B Max. 4 hrs. , Class C & D Max. 8 hrs.
5	Finish	Smooth and uniform (matt).	Smooth & uniform

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Sl. No.	Test Name	Test Result	Limit	
6	Gloss at 60 deg.	9.8, Class A.	Class A 0-10 , Class B 11-25 , Class C 26-70 , Class D 71 and above	
7	Fastness to light	Satisfactory. Passes the test.	There should be no appreciable colour difference after the test.	
8	Resistance to alkali	Satisfactory. Passes the test.	There should be no appreciable colour difference after the test.	
9	Thinning properties	Satisfactory. Passes the test.	Should mix readily with water.	
10	Application properties	Satisfactory. Passes the test.	Suitable for application by brush or spray.	

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Sl. No.

Test Name

Test Result

Limit

11

Recoating properties

Satisfactory. Passes the test.

Should not show colour separation, sagging, pitting, flaking or cracking.

12

Washability & Cleanability test/Wet scrub resistance

Satisfactory. Passes the test.

The film should not show any deterioration or colour fading.

13

Accelerated Storage Stability

A. At 60 deg. +/- 2 deg. - Satisfactory. Passes the test.
B. At -5 deg. +/- 1 deg. - Satisfactory. Passes the test.

The material should be suitable for application by brushing or spraying after the test

14

Mass in Kg./10 litres

12.21

Not specified

15

Opacity (Hiding)

Satisfactory.

close match to the specified colour after the test

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Sl. No.	Test Name	Test Result	Limit
16	Accelerated weathering test inQ UV weathering apparatus for 21 days	Satisfactory. No visible colour change, no flaking, no cracking, no chalking was observed.	To pass the test in different parameters like color , flaking , cracking & chalking.

17	Lead (as Pb) Content, ppm	5 ppm.	300ppm Max
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टिप्पणी
Ncte : Nil

कैफियत
Remarks : In respect of tests carried out, the sample meets the requirements of IS:15489-2004 Specification for Paint, Plastic Emulsion for Class A, Type 1 & 2.

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