



भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (द.क्षे.)  
NATIONAL TEST HOUSE (SR)

तरमणी, चेन्नई - 600 113. Taramani, Chennai - 600 113.

Phone : 22432374, 22431157 Fax : 22433158 email : nthsr@tn.nic.in

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परीक्षण प्रमाण पत्र  
TEST CERTIFICATE


## FINAL REPORT

परीक्षण प्रमाण पत्र सं. Test Certificate No	जारी होने की तिथि Date of Issue	कोड नं Code No	पृष्ठ Page	पृष्ठों की संख्या No of Pages
NTH(SR)/CIV(G)/2020/005384M	24/06/2020	5384	1	2
जिसे जारी करना है Issued To	LUNE TILES- COOL ROOF TILES			
पता Address	Shri. Bharathidasan R, No. 1/127-D, Mangali Amman Kovil Street Near Muniswarar Temple, Cowl Bazaar, Chennai-600 074			
ग्राहक का सन्दर्भ सं एवं दिनांक Customer's Ref. No.	Nil		Date: 12/03/2020	
पंजिका सं एवं दिनांक Register No & Date	005384/NTH(SR)/CIV(G)/2020/12/03/2020			
परीक्षण सामग्री का विवरण Description of Test Item	One sample stated as Cool roof Tiles- Lune Tiles			
परीक्षण सामग्री का पहचान Identification of Test Item Cool roof Tiles- Lune Tiles	Cool roof Tiles- Lune Tiles			
नमूना का विशिष्टि ( यदि हों ) Product Specification ( If any )	NA			
नमूना प्राप्ति की तिथि Date of Receipt of the Test Item	12/03/2020			
कार्य सम्पादन की तिथि Date(s) of Performance of Tests	From: 12/03/2020	To: 16/06/2020		
व्यावहृत प्रणाली का पहचान Method(s) used for Test	On the lines of IS 2690(Pt 1):1993			
नमूना प्रक्रिया बही प्रासंगिक हों Sampling Procedure where relevant	NA			


Tested by

  
Jaswant Deepak Bara  
SA(Mechanical)

Checked by

  
G.N.Sudhakar  
Scientist D(NDT)

Approved by

  
G.N.Sudhakar  
Scientist D(NDT)

Notes : 1. The results relate only to the items tested or calibrated  
2. The test/calibration certificate shall not be reproduced except in full, without written approval of the authority





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## Annexure

As desired, the Cool Roof tiles sample marked "LUNE" was subjected to the following tests on the lines of IS 2690(1):1993 (second revision) with the results noted below:

Sl.No	Nature of Tests	Results obtained
1.	<b>Dimension</b>	
1.1	Average length of each side, mm	255
1.2	Average thickness, mm	15
2.	<b>Test for Warpage</b>	
	Maximum warpage observed, percentage	0.15
3.	<b>Test for Water Absorption</b>	
	Average water absorption by mass, percentage	6
4.	<b>Test for Flexural strength</b>	
	Average Modules of rupture, N/mm <sup>2</sup>	4.9

Tested by

Jaswant Deepak Bara  
Scientific Assistant(Mechanical)

Checked by

G.N. Sudhakar  
Scientist D (NDT)

Approved by

G.N. Sudhakar  
Scientist D (NDT)

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