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TEST REPORT

Report No. SS 1907775

Report to :

Lanka Colour Cement (Pvt) Ltd.,
No. 146/84-Salmal Place,
Mattegoda.

Issued By :

Materials Laboratory,
Industrial Technology Institute,
363, Bauddhaloka Mawatha,
Colombo 07.

2019-08-05

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"PLEASE ADDRESS ALL COVERS TO THE DIRECTOR GENERAL"

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CHANGE OF CONDITIONS: ITI may at its sole discretion add to or amend the conditions of this report at the time of issue of the report and such additions or amendments shall be binding on the customer.



TEST REPORT

Report No. SS 1907775

Customer : Lanka Colour Cement (Pvt) Ltd., No. 146/84-Salmal Place, Mattegoda.	Test Item : Tile Adhesive Service Requested : Customer's letter dated 2019-05-23
Description : One (01) test item Following information was given in the customer's letter. Sample : Hega Brand Tile Adhesive – Extra Bond Grey	Identification of Test Items: Test item was labelled as ; Product Name : Hega Polymer modified Tile Adhesive Extra Bond – Grey Marketed by : Lanka Colour Cement (Pvt) Ltd., 146/84-Salmal Place, Mattegoda, Sri Lanka. Date of Receipt of Test Item : 2019-05-23
Test Dates : From 2019-06-27 to 2019-07-25	




TEST RESULTS :

Test / Unit	Test Method	Results	Requirement of SLS 1375 : 2009 Category C1
1. Tensile Adhesion Strength / N/mm ²	ISO 13007-2 : 2010	0.7	≥ 0.5
2. Tensile Adhesion Strength after Water Immersion / N/mm ²		0.6	≥ 0.5
3. Tensile Adhesion Strength after Heat Aging / N/mm ²		0.2	≥ 0.5
4. Open Time ; Tensile Adhesion Strength / N/mm ² 5 (minutes) 10 (minutes) 20 (minutes) 30 (minutes)		0.7 0.5 0.2 * ¹	≥ 0.5 After no less than 20 minutes
5. Tensile Adhesion Strength after Water immersion * ² / N/mm ²		0.6	--
6. Slip / mm		0.2	≤ 0.5
7. Compressive Strength (28 days) / N/mm ²		BS EN 196 -1 : 2016 * ³	2.9
8. Flexural Strength (28 days) / N/mm ²	1.71		--

Sample : Water ratio = 25 kg : 5l

- Note : *¹ Detached the bond before test
*² Water for immersion was provided by the customer (Labelled as sea water)
*³ On the request of customer compressive strength and flexural strength of given sample was determined according to the test method BS EN 196 - 1 : 2016 ; method of testing of cement - Determination of strength


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Authorized Signatory

C.N. Vitharana
Research Engineer
Materials Laboratory

2019-08-05

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K.A. Sanjeewa
Research Technologist