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தேசிய கட்டிட ஆராய்ச்சி நிறுவனம்
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எனது இல. }
Our Ref. }

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திகதி }
Date }

25.03.2019

TESTING OF CERAMIC TILE ADHESIVES

REPORT NO. : M/19/027

CLIENT : GB COATINGS (PVT) LTD
NO: 468/1/B, RAJASINGHE MAWATHA,
MULLIRIYAWA.

REFERENCE OF REQUISITION : Letter received on 11th February 2019

*The test results reported herein
relate to the specimens submitted
to N.B.R.O. and do not certify the
quality of a product in general*

NATIONAL BUILDING RESEARCH ORGANISATION
BUILDING MATERIALS RESEARCH & TESTING DIVISION
NO. 99/1, JAWATTA ROAD,
COLOMBO 05.

202419 436

TESTING OF CERAMIC TILE ADHESIVES**REPORT NO. : M/19/027**

SAMPLES RECEIVED ON : 11.02.2019

DESCRIPTION OF SAMPLES
RECEIVED

(a) Nos. : 01 bag
(b) Quantity of each bag : 20kg
(c) Brand* : Solakro Tile Adhesive
(d) Type* : Cementitious Adhesive (C)

(*As intimated by the bag)

TEST REQUESTED : Tensile Adhesion Strength

TESTS CARRIED OUT
IN ACCORDANCE WITH : SLS ISO 13007 – 2:2009
Standard Methods for Ceramic Tile Adhesives

TEST SUBSTRATE : Concrete Substrate

AMOUNT OF WATER USED
FOR PREPARING ADHESIVE : Adhesive: Water = 1kg: 230gTEST RESULTS : Results of tensile adhesion strength results are given in page
No.03.

TEST RESULTS


No. 202419 0436


Report No. M/19/ 027


TENSILE ADHESION STRENGTH

Serial No.	01	02	03	04	05
Date of Grout Apply on Concrete	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Substrate					
Testing Date	21-Mar-19	21-Mar-19	21-Mar-19	21-Mar-19	21-Mar-19
Age at Testing (Days)	28	28	28	28	28
Cross sect. area (mm ²)	2500	2500	2500	2500	2500
Maximum load at failure (N)	1907.0	1675.0	2235.0	1878.0	3002.0
Tensile Adhesion Strength (N/mm ²)	0.8	0.7	0.9	0.8	1.2
No of Samples	05				

Tensile adhesion strength : Mpa(N/mm²)
Average 0.9

Testing officer: 
R.M.E. Kanchana
MA - Technical

Checked by: 
P.K.A. Umayanga
Materials Engineer

Certified by: 
R. Savitha
Senior Materials Engineer
Building Materials Research & Testing
Division

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