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நீர்ப்பாசன மற்றும் நீர் வளங்கள் மற்றும் அனர்த்த முகாமைத்துவ அமைச்சு
Ministry of Irrigation and Water Resources & Disaster Management



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திகதி }
Date }

202419 1160

29.05.2019

TESTING OF SKIM COAT POWDER

REPORT NO. : M/19/072

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

PROJECT : Not Intimated

REFERENCE OF REQUISITION : Letter received on 24th April 2019

*The test results reported here in
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 1160

TESTING OF SKIM COAT POWDER**REPORT NO: M/19/072**

SAMPLES RECEIVED ON : 24.04.2019

DESCRIPTION OF SAMPLE : (a) Nos. : 01 bag
 (b) Type : Skim Coat Wall Putty
 (c) Brand* : Solakro Skim Coat White Exterior
 (*As intimated by the bag)

THE PRE-TESTING STAGE : (a) Condition of the bag : Un-opened
 (b) Total Quantity received : 20 kg
 (c) Sampled by : Client

TEST REQUESTED : a). Compressive strength-28 days
 b). Tensile pull off strength

TEST SAMPLE PREPERATION : *Mixing Ratio : Powder: Water = 1kg: 355g
 (*As intimated by the Client)

TEST CARRIED OUT
 IN ACCORDANCE WITH : (1) SLS 1579: 2018
 Standard of specification for skim coat powder
 (2) SLS ISO 679
 Methods of testing cement. Determination of strength.
 (3) SLS ASTM D 4541
 Methods of test for pull- off strength of coatings using portable
 adhesion testers.
 (4) ASTM D 7234
 Method for pull-off adhesion strength of coatings on concrete
 using portable pull-off adhesion testers.

TEST RESULTS : Test results are given in the page nos. 3.

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TESTING OF SKIM COAT POWDER
REPORT NO: M/19/072

TEST RESULTS


TEST RESULTS

Name of Test	Observed test Result
(a) Compressive strength 28 Days (N/mm ²)	2.5, 2.7, 2.9, 2.8, 2.8, 2.5 Average = 2.7
(b) Tensile pull off strength (N/mm ²) (Test Substrate – Concrete)	0.30, 0.35., 0.32, 0.38, 0.37 Average = 0.3


Testing Officer:


R.M.E. Kanchana
MA- Technical

Checked by:


P.K.A. Umayanga
Materials Engineer

Certified by:


Eng. (Mrs.) S.S.K. Muthurathne
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