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TEST REPORT

REPORT NO : 2019CB1623	PAGE : 1 OF 3
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Applicant : OBAPROOF MANUFACTURING SDN BHD
Lot 4049, Jalan 2D,
Kg. Baru Subang,
40150 Shah Alam,
Selangor.

Manufacturer : OBAPROOF MANUFACTURING SDN BHD

Product : Obaproof Premix Plaster 9921

Reference Standard / Method of Test : 1) BS EN 1015-11: 1999,
Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar.
2) BS EN 1015-12: 2016,
Methods of test for mortar for masonry – Part 12: Determination of adhesive strength of hardened rendering and plastering mortars on substrates.

Description of sample / Description of Test Specimen : One (1) bag of 5 kg Obaproof Premix Plaster 9921 was received for testing.
Brand: -nil-
Product description: Pre-packed Ready Mixed Plaster

Date Received of Complete Application : 13 September 2019

Job No. : J20191431232

Description of Test Results / Overall Test Result : The test results of the submitted test sample are described in Page 2 & 3 of this test report.

Issued Date : 13 November 2019

Approved Signatories;

(HANON NAZIR BIN MOHD BASRI)
Senior Testing Executive



(RAJENDR SIHA BINTI RAJA ABDUL HANAN)
Head

Civil & Construction Section
Testing Services Department

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TEST RESULTS:

Product : Obaproof Premix Plaster 9921
 Mix ratio : 22.5 % of water
 Method of test : BS EN 1015-11: 1999,
 Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar

NO.	TYPE OF TEST METHOD	TEST RESULTS
1.	Determination of Flexural & Compressive Strength (28 days)	<u>Flexural Strength</u> 1) 3.8 N/mm ² 2) 3.6 N/mm ² 3) 3.4 N/mm ² Mean: 3.6 N/mm ² <u>Compressive Strength</u> 1) 11.1 N/mm ² 2) 11.0 N/mm ² 3) 9.7 N/mm ² 4) 10.0 N/mm ² 5) 10.1 N/mm ² 6) 10.4 N/mm ² Mean: 10.4 N/mm ²

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TEST RESULTS:

Product : Obaproof Premix Plaster 9921
 Mix ratio : 22.5 % of water
 Method of test : BS EN 1015-12: 2016,
 Methods of test for mortar for masonry – Part 12: Determination of adhesive strength of hardened rendering and plastering mortars on substrates

NO.	TYPE OF TEST METHOD	TEST RESULTS
1.	Determination of Adhesion Strength by Pull-Off using Portable Adhesion Tester (28 days)	<u>Adhesion Strength</u> 1) 1.06 N/mm ² 2) 1.19 N/mm ² 3) 1.21 N/mm ² 4) 1.02 N/mm ² 5) 1.12 N/mm ² Mean: 1.12 N/mm ² <u>Fracture pattern</u> Fracture pattern a: Adhesion fracture – Fracture at the interface between mortar and substrate.

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