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TEST REPORT

REPORT NO : 2022CB0433

PAGE : 1 OF 4

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Applicant : OBAPROOF MANUFACTURING SDN BHD
Lot 4049, Jalan 2D,
Kampung Baru Subang, Seksyen U6,
40150, Shah Alam,
Selangor

Manufacturer : OBAPROOF MANUFACTURING SDN. BHD.

Product : Tile Adhesive (Oba Tile Adhesive F2-222)

Reference Standard / Method of Test : a) MS ISO 13007-1:2005,
Ceramic Tiles – Grout and Adhesive – Part 2: Terms, Definitions and Specification for Adhesives (ISO 13007-1: 2004, IDT)
b) MS ISO 13007-2:2005.
Ceramic Tiles – Grout and Adhesive – Part 2: Terms, Definitions and Specification for Adhesives (ISO 13007-2: 2005, IDT)

Description of sample : One (1) bag of 15 kg Tile Adhesive (Oba Tile Adhesive F2-222) was received for testing.
Brand: OBAPROOF
Product description: Class C2

Date Received of Complete Application : 06 April 2022

Job No. : J20221430278

Description of Test Results : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report comply with the requirements of the above reference standard at the respective clauses tested except for High tensile adhesion strength after water immersion and High tensile adhesion strength after heat aging

Issued Date : 24 June 2022

Approved Signatory;

(HANON NAZIR BIN MOHD BASRI)
Senior Testing Executive



(NOR SIHA BINTI RAJA ABDUL HANAN)
Head
Civil & Construction Section
Testing Services Department

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TEST RESULTS:

Product : Tile Adhesive (Oba Tile Adhesive F2-222)
 Mix ratio : 30 % of water
 Method of test : a) MS ISO 13007-1:2005,
 Ceramic Tiles – Grout and Adhesive – Part 2: Terms, Definitions and Specification for Adhesives (ISO 13007-1: 2004, IDT)
 b) MS ISO 13007-2:2005.
 Ceramic Tiles – Grout and Adhesive – Part 2: Terms, Definitions and Specification for Adhesives (ISO 13007-2: 2005, IDT)
 Clause 4.4: Determination of tensile adhesive strength (for C adhesives)
 Clause 4.4.4.2: Tensile adhesive strength
 Clause 4.4.4.3: Tensile adhesive strength after water immersion

CLAUSE	REQUIREMENTS	TEST RESULT	REMARK*
4.1	Cementitious adhesives (C) Improved cementitious adhesive (C2) Additional Characteristic: - a) High tensile adhesion strength: ≥ 1.0 N/mm ²	1) 1.09 N/mm ² 2) 1.11 N/mm ² 3) 1.05 N/mm ² 4) 1.04 N/mm ² 5) 1.04 N/mm ² Mean: 1.07 N/mm ²	Pass
	b) High tensile adhesion strength after water immersion: ≥ 1.0 N/mm ²	1) 1.02 N/mm ² 2) 1.07 N/mm ² 3) 1.01 N/mm ² 4) 1.03 N/mm ² 5) 1.06 N/mm ² Mean: 1.04 N/mm ²	Pass

Note:

- 1) *Simple acceptance rule is used for the conformity statement. The level of risk regarding the probability of false accept is up to 50%.
 2) Testing period – 6th April 2022 to 22nd June 2022



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TEST RESULTS:

Product : Tile Adhesive (Oba Tile Adhesive F2-222)
 Mix ratio : 30 % of water
 Method of test : BS EN 12004-2: 2017
 Adhesives for ceramic tiles. Test methods
 Clause 8.3: Determination of tensile adhesion strength for cementitious adhesives (C)
 Clause 8.3.3.4: Tensile adhesion strength after heat aging

CLAUSE	REQUIREMENTS	TEST RESULT	REMARK*
4.1	Cementitious adhesives (C) Improved cementitious adhesive (C2) Additional Characteristic: - c) High tensile adhesion strength after heat aging: $\geq 1.0 \text{ N/mm}^2$	1) 1.05 N/mm^2 2) 1.04 N/mm^2 3) 1.09 N/mm^2 4) 1.03 N/mm^2 5) 1.04 N/mm^2 Mean: 1.05 N/mm^2	Pass

Note:

- 1) *Simple acceptance rule is used for the conformity statement. The level of risk regarding the probability of false accept is up to 50%.
- 2) Testing period – 6th April 2022 to 22nd June 2022

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