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TC-9061

GVM TEST HOUSE
AND RESEARCH CENTRE

TESTING | TRAINING | AUDITING

Test Order Ref: GVM/TA/01970-2-1/08/2022
ULR: TC906122000001226F

Date: 09.09.2022
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RACHTR CHEMICALS PRIVATE LIMITED

G1-586, RIICO Industrial Area,
Opposite Fire Station, Khushkhhera,
Alwar, Rajasthan – 301707, India.

TEST REPORT ON TILE ADHESIVE

Source of Sample : Sample supplied by the customer
Number of samples Tested : 01 (One only)
Condition of sample : Satisfactory
Customer's Reference # : Request dated 03.08.2022
Lab Reference Number : 2022/AUG/01970-2-1
Date of Receipt : 03.08.2022
Sample Identification # : TSA-PR
Water Powder Ratio # : 25 %
Period of Test : 06.08.2022 to 08.09.2022
Technical Reference : EN 12004-1: 2017

PHYSICAL PROPERTIES:

S. N.	Test Conducted	Unit	Test Method	Results	Requirement as per EN 12004-1:2017
1	Initial Tensile Adhesion Strength	N/mm ²	EN 12004-2:2017, Clause 8.3	1.67	C1 ≥ 0.5 N/mm ² C2 ≥ 1.0 N/mm ²
2	Tensile Adhesion Strength after water immersion	N/mm ²	EN 12004-2:2017, Clause 8.3	1.28	C1 ≥ 0.5 N/mm ² C2 ≥ 1.0 N/mm ²
3	Tensile Adhesion Strength after heat ageing	N/mm ²	EN 12004-2:2017, Clause 8.3	1.59	C1 ≥ 0.5 N/mm ² C2 ≥ 1.0 N/mm ²
4	Tensile Adhesion Strength after freeze-thaw cycles	N/mm ²	EN 12004-2:2017, Clause 8.3	1.52	C1 ≥ 0.5 N/mm ² C2 ≥ 1.0 N/mm ²
5	Open Time: Tensile Adhesion				
	10 min.	N/mm ²	EN 12004-2:2017, Clause 8.1	1.53	≥ 0.5 N/mm ²
	20 min.	N/mm ²		1.10	≥ 0.5 N/mm ²
	30 min.	N/mm ²		0.88	≥ 0.5 N/mm ²
6	Slip	mm	EN 12004-2:2017, Clause 8.2	0.41	≤ 0.5 mm
7	Transverse Deformation	mm	EN 12004-2:2017, Clause 8.6	2.98	S1: ≥ 2.5, < 5mm S2: ≥ 5 mm

As furnished by the customer.

Remark: TSA-PR Tile Adhesive conforms to C2TE S1 Tile Adhesive as per EN 12004-1: 2017

Note: 1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.

For GVM TEST HOUSE AND RESEARCH CENTRE



DINESH BURDE

[Signature]

Authorised Signatory



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GSTIN: 27BPBPB4090Q1ZM



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