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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 <sup>2</sup>	EN 12004-2:2017, Clause 8.3	1.67	C1 ≥ 0.5 N/mm <sup>2</sup> C2 ≥ 1.0 N/mm <sup>2</sup>
2	Tensile Adhesion Strength after water immersion	N/mm <sup>2</sup>	EN 12004-2:2017, Clause 8.3	1.28	C1 ≥ 0.5 N/mm <sup>2</sup> C2 ≥ 1.0 N/mm <sup>2</sup>
3	Tensile Adhesion Strength after heat ageing	N/mm <sup>2</sup>	EN 12004-2:2017, Clause 8.3	1.59	C1 ≥ 0.5 N/mm <sup>2</sup> C2 ≥ 1.0 N/mm <sup>2</sup>
4	Tensile Adhesion Strength after freeze-thaw cycles	N/mm <sup>2</sup>	EN 12004-2:2017, Clause 8.3	1.52	C1 ≥ 0.5 N/mm <sup>2</sup> C2 ≥ 1.0 N/mm <sup>2</sup>
5	Open Time: Tensile Adhesion				
	10 min.	N/mm <sup>2</sup>	EN 12004-2:2017, Clause 8.1	1.53	≥ 0.5 N/mm <sup>2</sup>
	20 min.	N/mm <sup>2</sup>		1.10	≥ 0.5 N/mm <sup>2</sup>
	30 min.	N/mm <sup>2</sup>		0.88	≥ 0.5 N/mm <sup>2</sup>
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



ISO 9001:2015 Certified



Confederation of Indian Industry

## ***CII-Green Products and Services Council***

*hereby certifies that*

**RachTR TSA PR White**

(GPRCP472009)

*Manufactured by Rachtr Chemicals At Alwar, Rajasthan meets  
the requirements of GreenPro Certification and qualifies as Green Product.*

*This certification is valid till **December 2027***

**Jamshyd N Godrej**  
Chairman, CII-Godrej GBC

**A R Unnikrishnan**  
Chairman, CII-Green Products & Services Council

**K S Venkatagiri**  
Executive Director, CII-Godrej GBC

*Supporting Council and programmes*





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## ***CII-Green Products and Services Council***

*hereby certifies that*

**RachTR TSA PR Grey**

(GPRCP472010)

*Manufactured by Rachtr Chemicals At Alwar, Rajasthan meets  
the requirements of GreenPro Certification and qualifies as Green Product.*

*This certification is valid till **December 2027***

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