

Format No AT-01

Rev. No.00

TEST REPORT

TEST REPORT ISSUED BY: **LOCATION-01: VASAI LAB (TEST)**
TEST REPORT NO.
ULR NO.
TEST REPORT & ISSUE DATE:
DISCIPLINE : MECHANICAL TEST

SAMPLE TESTED BY/AT: **LOCATION-01: VASAI LAB (TEST)**
TRL-29906-TR-626707
TC571323100029571F
26/12/2023
GROUP NAME : BUILDING MATERIALS

CUSTOMER NAME & ADDRESS:

M/s Noff
House No-853/D, Gala No-01, Naseem Compound, Kambe Talavali Naka,
Bhiwandi (Municipal Corporation) Bhlwandi,
Thane

PROJECT SITE ADDRESS:

Noff
House No-853/D, Gala No-01, Naseem Compound, Kambe Talavali Naka,
Bhiwandi (Municipal Corporation),
Thane.

QUANTITY:

DATE OF RECEIPT:

CUSTOMER REF. NO & DATE:

CONDITION OF SAMPLE ON RECEIPT:

SOURCE OF SAMPLE AS GIVEN BY CUSTOMER:

TEST METHOD:

15 kg

11/11/2023

Letter Dated-11/11/2023

Ok

Grey-Type 1

IS 15477 : 2019

PHYSICAL TEST RESULTS OF TILE ADHESIVE

(*)TYPE OF TILE ADHESIVE : TYPE-1

(*)USE APPLICATION : NA

(*)WATER-POWDER RATIO, % : 19

PERIOD OF TESTING: 22/11/2023 TO 20/12/2023

OPEN TIME (minute) : 20

(*)DEFORMABILITY ADHESIVE CLASS : Adhesive S1

Sr. No.	Slip, mm	Requirement as per IS 15477, Clause No 5.5
1	0.07	Not more than 0.5mm for Vertical Application

TENSILE ADHESION DRY CONDITION (28DAYS)

EXPRESSION OF REPORT: Normal Condition

Sr. No.	Dolly Size (mm)		Tensile adhesion Force, N	Tensile Pull Off Adhesion Strength(MPa)	Nature of Failure	Requirement as per IS 15477, Table-1, Min
1	50.9	50.58	3728.8	1.7	Adhesive Failure between tile and adhesive	0.5 N/mm ²
2	50.99	50.59	3809	1.74	Adhesive Failure between tile and adhesive	
3	50.71	50.35	3866.1	1.78	Adhesive Failure between tile and adhesive	
4	50.76	50.58	2460.6	1.13	Adhesive Failure between tile and adhesive	
5	50.72	50.39	4631.5	2.13	Adhesive Failure between tile and adhesive	
Average				1.74		

SHEAR ADHESION DRY CONDITION (28 DAYS)

Description	Spec.-1	Spec.-2	Spec.-3	Spec.-4	Spec.-5	Requirement as per IS 15477, Table-1, Min
Shear Area, mm ²	9485.6	9532.2	9587.4	9533.6	9553.4	1 N/mm ²
Shear Load, N	21846.9	24016.8	25457.9	22957.4	19866.2	

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Shear Adhesion Strength, N/mm ²	2.3	2.5	2.7	2.4	2.1	
Average Shear Adhesion Strength, N/mm ²					2.4	

DEFORMABILITY AT 28 DAYS

Sr. No.	Initial Reading, mm	Final Reading, mm	Deformability, mm	Remarks	Requirement as per IS 15477, Clause No 5.6
1	0	2.52	2.52	NA	2.5 mm to 5.0 mm
2	0	2.68	2.68	NA	
3	0	2.41	2.41	NA	
4	0	2.8	2.8	NA	
5	0	2.75	2.75	NA	
Average			2.632		

(*)mark information furnished by the customer.

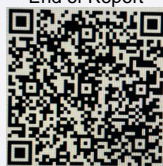
Individual Results which are differed more than 15% from the average has been discarded. If more than three out of the five units fail at forces outside these limits, repeat the whole test.

NOTE:

- Sample/s was/were not drawn by laboratory.
- The Reported result/s is/are valid only to the sample submitted to the laboratory.
- No part of the report, except in full, shall be reproduced without written consent of the laboratory.

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*****End of Report*****



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Mahemood ahmed
Authorized Signatory