Bureau Veritas (India) Private Limited
Construction Services Laboratory
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Tel.: +91 80 23011800
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TEST REPORT

TC-6006

Report No.: BVIPL:PBLOCK: BL/1640/1/2023
Test order dated: 17.01.2023

Date: 24.01.2023

ULR-TC600623100001507F

MECHANICAL TESTING
Building Materials

Mannat Enterprises
Industrial Shed Bearing Plot No.30, KIADB Industrial
Area 1st Stage, Bangalore Road, Ballari Karnataka-583101

FINAL TEST REPORT ON PAVER BLOCKS

Source of Sample	:	Sample supplied by the customer
Customer's Reference	:	Letter Dated 17.01.2023
Condition of samples	:	Satisfactory
UIN No.	:	23002366
No. of samples tested	:	17 (Seventeen)
Project	:	Not Furnished
Shape of pavers	:	Zig-Zag
Period of test	:	17.01.2023 to 24.01.2023
Test Method	:	IS: 15658 – 2021

I. COMPRESSIVE STRENGTH TEST:

Sl. No.	Nominal Cross Sectional Area (Sq. mm.)	Thickness (mm)	Compressive Strength (MPa)	Requirement as per IS:15658-2021
1	27,600	80	56.6	Minimum a) Individual f_{ck} – 3 b) Average f_{ck} + 0.825 x established standard deviation (rounded off to nearest 0.5 MPa) or f_{ck} – 3, whichever is greater
2	27,600	80	55.4	
3	27,600	81	58.9	
4	27,600	80	59.2	
5	27,600	79	56.2	
6	27,600	81	56.6	
7	27,600	80	59.0	
8	27,600	80	56.6	

II. WATER ABSORPTION TEST:

Sl. No.	Nominal Cross Sectional Area (Sq. mm.)	Thickness (mm)	Water Absorption (% by wt.)	Requirement as per IS:15658-2021
1	27,600	80	1.9	Percent, Maximum c) Individual - 7 d) Average - 6
2	27,600	80	1.4	
3	27,600	81	2.1	

Praveen Nayak. S
24/01/2023
PRAVEEN NAYAK. S
Quality Manager

Contd.....

*Indicates information supplied by the customer for which the laboratory has no control. Sampling not done by laboratory, results relate to the sample tested only.
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III. ABRASION RESISTANCE:

Sl. No.	Size of the Test Specimen (mm)	Wear due to Abrasion (mm^3) Per 5000 mm^2	Requirement as per IS:15658-2021
1	70.6 x 70.6 x 44.3	12,000	Maximum a) Dry i) Individual - 20,000 ii) Average - 18,000 b) Wet i) Individual - 22,000 ii) Average - 20,000
2	70.6 x 70.6 x 46.5	13,000	
3	70.6 x 70.6 x 44.3	13,000	
4	70.6 x 70.6 x 36.0	16,000	
5	70.6 x 70.6 x 38.6	18,000	
6	70.6 x 70.6 x 46.2	16,000	

As furnished by the customer

This report supersedes the earlier report of ULR-TC600623100001337F dated 19.01.2023

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 BUREAU VERITAS (INDIA) PRIVATE LIMITED
Construction Services Laboratory

Praveen Nayak. S
24/01/2023

PRAVEEN NAYAK. S
Quality Manager

****END OF THE REPORT****

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