



STEDRANT TECHNOCLINIC PVT. LTD.
(Construction Materials Testing Laboratory)

Lab: # 39/5, Govardhan Garden, J C Industrial Area, Yelechenahalli, off. Kanakapura Main Road,
Bangalore - 560062. Ph.: 080 26860348. E-mail : labblr@stedrant.com CIN: U74999KA2017PTC100477
GST No.: 29AAYCS1231L1ZQ www.stedrant.com

Doc. No.: STPL/RF/05/spl

Page 1 of 2

TEST REPORT ON CLAY BLOCKS

Report No:STP/JO-080 -/JUN/2021.2
Test Order dated: 11.06.2021

Date: 11.06.2021

M/s. Wienerberger India Private Limited
Plot No. 1 & 2, Kunigal Industrial Area,
Phase – 2, Gittigere Village, Kunigal Taluk

Source of Sample : Sample drawn by the customer
Customer's Reference : Letter No E mail dated 04.05.2021
Work order No# : WO No.: WBI/Lab/Sep-18/1316l dated 07.09.2018
Condition of samples : Satisfactory
Date of Witness : 10.06.2021
Date of Test : 10.06.2021
Product# : POROTHERM HP 150 - (T 90R5) – 04.04.2021
Test Conducted at : M/s. Wienerberger India Private Limited Plant Laboratory
at Kunigal
Test Witnessed by : Sri. Ranganath Chimbili – STPL Engineer
Technical Reference : IS:3952 – 2013

I CRUSHING STRENGTH – cl.8.1

Sl. No.	Identification#	Measured Dimension (mm)	Test Result	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	396 x 152 x 202	4.0	Shall be 3.5 N/mm ²
	HP 150 – 2	395 x 151 x 203	4.2	
	HP 150 – 3	397 x 152 x 202	4.1	
	HP 150 – 4	398 x 152 x 203	4.9	
	HP 150 – 5	395 x 151 x 202	3.7	
	HP 150 – 6	397 x 152 x 202	3.9	
Average			4.1	

II WINDING OR BOWING IN THE LENGTH DIMENSION – Cl. 4.2.1

Sl. No.	Identification & date of Production#	Measured Dimension (mm)	Test Result (mm)	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	396 x 152 x 202	0.28	Shall not be more than 5.0 mm
	HP 150 – 2	395 x 151 x 203	0.70	
	HP 150 – 3	397 x 152 x 202	1.83	
	HP 150 – 4	398 x 152 x 203	0.25	
	HP 150 – 5	395 x 151 x 202	0.27	
	HP 150 – 6	397 x 152 x 202	2.10	

III CONCAVITY OR CONVEXITY IN THE EXTENDED FACE OF BLOCK – Cl. 4.2.2

Sl. No.	Identification#	Measured Dimension (mm)	Test Result (mm)	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	396 x 152 x 202	0.76	Shall not be more than 5.0 mm
	HP 150 – 2	395 x 151 x 203	0.49	
	HP 150 – 3	397 x 152 x 202	0.59	
	HP 150 – 4	398 x 152 x 203	0.51	
	HP 150 – 5	395 x 151 x 202	0.87	
	HP 150 – 6	397 x 152 x 202	0.83	

Contd...


STPL Manager Lab

Corporate Office :
"Sunvak Pride" # 95, Model House Street, Basavanagudi,
Bangalore - 560 004. Ph : 080 26629992

Hyderabad Off./ Lab :
Shed No. F-3/A, Street No. 10, IDA, Nacharam, Hyderabad - 500076.
Mob : +91 9000085790, +91 9000095790, +91 9908875790, +91 9908065790

IV ANGLE BETWEEN SIDES & JOINING EDGES - Cl. 4.2.3

Sl. No.	Identification#	Measured Dimension (mm)	Test Result (mm)	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	396 x 152 x 202	0.00	Shall not be more than 5.0 mm
	HP 150 – 2	395 x 151 x 203	0.31	
	HP 150 – 3	397 x 152 x 202	0.68	
	HP 150 – 4	398 x 152 x 203	0.19	
	HP 150 – 5	395 x 151 x 202	0.24	
	HP 150 – 6	397 x 152 x 202	0.00	

V WATER ABSORPTION – cl. 8.2

Sl. No.	Identification#	Measured Dimension (mm)	Test Result (% by weight)	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	396 x 152 x 202	13.3	When Six blocks are tested the average water absorption shall not be more than 20%
	HP 150 – 2	395 x 151 x 203	13.6	
	HP 150 – 3	397 x 152 x 202	13.5	
	HP 150 – 4	398 x 152 x 203	13.6	
	HP 150 – 5	395 x 151 x 202	14.0	
	HP 150 – 6	397 x 152 x 202	13.3	
Average			13.6	

VI EFFLORESCENCE – cl. 8.3

Sl. No.	Identification#	Test Result	Requirement as per IS : 3952 – 2013
1	HP 150 – 1	Slight	Shall have a rating not more than "SLIGHT"
	HP 150 – 2	Slight	
	HP 150 – 3	Slight	
	HP 150 – 4	Slight	
	HP 150 – 5	Slight	
	HP 150 – 6	Slight	

As furnished by the customer

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

for STEDRANT TECHNOCLINIC PVT. LTD.

Radhakrishna
11/6/2021
 **Radhakrishna**
STPL Manager-Lab