



भारत सरकार Government of India
राष्ट्रीय परीक्षण शाला (द.क्षे.)
NATIONAL TEST HOUSE (SR)

तरमणी, चेन्नई - 600 113. Taramani, Chennai - 600 113.
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Final Report

Test Certificate No.	Date of Issue:	Code No.	No. of Pages:
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Annexure

2.2.1	Dry Condition	7071
2.2.2	Wet condition	4210
3	Test for Freeze-Thaw (as per cl 5.5.2 of BS EN 12467:2012)	
3.1	Modulus of Rupture after 100 cycles of Freezing and thawing, MPa	12.40
3.2	Modulus of Elasticity after 100 cycles of Freezing and thawing , MPa	5383
3.3	Lower Estimation (RL)	1.30
4	Test for Warm Water (as per cl 5.5.4 of BS EN 12467:2012)	
4.1	Modulus of Rupture after 56 cycles at 60°C warm water, MPa	14.07
4.2	Modulus of Elasticity after 56 cycles at 60°C warm water , MPa	9467
4.3	Lower Estimation (RL)	1.50
5	Test for Soak-Dry (as per cl 5.5.5 of BS EN 12467:2012)	

Tested by

S.ThirumalaiKolundu
Scientist SB(Civil)

Checked & Approved by

G.N.Sudhakar
Scientist SD(NDT)



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5.1	Modulus of Rupture after 50 cycles of soak and dry, MPa	16.17
5.2	Modulus of Elasticity after 50 cycles of soak and dry, MPa	6739
5.3	Lower Estimation (RL)	1.58
6	Test for Heat Rain (as per cl 5.5.3 of BS EN 12467:2012)	
	Observed for cracks, delamination, warping, bowing, other visible defects after 50 cycles of heat rain	No cracks, delamination, warping, bowing, other visible defects satisfactory

Tested by


S.ThirumalaiKolundu
Scientist SB(Civil)

Checked & Approved by


G.N.Sudhakar
Scientist SD(NDT)