



## Test Report

Report No.: 467

Date: March 18, 2021

Invoice No. G-

ULR-TC636221000000443P - Mechanical - Building Materials

Customer : Hi-Tech International  
 Sample Description : Corrosion Inhibitor (Powder form)  
 Customer's Reference : Letter dated-02.02.2021  
 Customer id : VCI 4207  
 e-cube id : 1129  
 Sample Condition : Satisfactory  
 Test witnessed by : None

Date of Receipt: 02.02.2021

Period of Testing: 12.02.2021-12.03.2021

## Mix Proportions - M-35:

Ingredient	Cement	C.S.S	10mm	20mm	Water	Admixture	
Source	UT OPC 53	Local	Local	Local	TMC	Mapei SX 542	Hi-Tech International
ecube-ID	480	INV-230	INV-231	INV-232	NA	INV-233	1129
Qty (kg/m <sup>3</sup> )	440	745	558	650	170	2.2	0
	440	745	558	650	170	2.2	0.2

## Reference Code: IS 1199

		Initial	30 Mints
Workability (Slump Flow / Slump) mm	Control	180	60
	With Corrosion Inhibitor	210	85

## Reference Code: IS 516-1959 (reaffirmed 2004)

		3 Days	7 Days	28 Days
Average Compressive strength (N/mm <sup>2</sup> )	Control	25.8	34.1	44.3
	With Corrosion Inhibitor	23.4	32.2	45.6

Remarks on test method: Nil.

Notes:-

1. The above recommendations are based on the fine aggregates & coarse aggregates are at saturated surface dry conditions. At the time of concrete production, adjustments are required to be made for surface moisture or water absorption in the fine & coarse aggregates, as applicable.
2. Test results may not be reproduced in part without the written permission of e-cube concrete consultants LLP.
3. We do not undertake any responsibility for any involvement in any type of litigation arising out of this report submitted by e-cube concrete consultants LLP.

BNK/SSD/SK



For e-cube concrete consultants LLP

Bhagyashree Katkar Wani

Bhagyashree Katkar Wani  
Authorized Signatory