



Test Report

Report No.: 612

Date: 08.04.2021

Invoice No.: G-459

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: 10.02.2021

Period of Testing: 06.03.2021 to 05.04.2021

Evaluating Corrosion Test: ASTM G1-03

Sample Size : Nominal Length -40mm, Nominal Diameter-10mm

Cleaning method: Clark solution is prepared by dissolving 20 g of Antimony Trioxide & 50 g of Stannous Chloride in 1000 ml concentrated Hydrochloric acid, S.G. 1.18. After complete removal of corrosion products (5 minutes approximate), take out test pieces & wash in running water & finally with distilled water. Then wash the test pieces, with Acetone.

e-cube no	Initial weight (g)	Final weight (g)	Weight loss (g)	Area (cm ²)	Corrosion rate (mills per year)	Average (mills per year)
Control-1	23.837	23.755	0.082	0.777	0.064	0.063
Control -2	23.413	23.328	0.085	0.771	0.067	
Control-3	24.031	23.958	0.073	0.777	0.057	
1129-1	24.717	24.673	0.044	0.777	0.035	0.038
1129-2	24.977	24.931	0.046	0.780	0.036	
1129-3	24.459	24.405	0.054	0.767	0.043	

Notes:

- 1 Test results indicated above for the sample submitted by the client.
- 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 e-cube Concrete Consultants LLP.

For e-cube Concrete Consultants LLP



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