



TEST REPORT COMPRESSIVE STRENGTH

Client	Bautech Chemical Industries L.L.C P.O.Box : 23054 Ajman, UAE.		
Sample Name	Crystamix	Lab Report No.	WD-R-230719-0524/1
Sample Description	Crystalline Waterproofing Admixture	Sample No.	WD-S-230719-0575
Product Batch no	CTM/02/23/2612	Date Received	19/07/2023
Source	Bautech Chemical Industries L.L.C	Cast Date	03/08/2023
Test Method	BS EN 12390-3	Curing Time	28 days
Test Condition	Temperature: 23°C Relative Humidity: 50%	Date Tested	31/08/2023
Client Reference	N.G	Date Reported	31/08/2023
Tested By	VIN		

Mix Design

Mix Grade: C30/20

Water Cement Ratio: 0.45

Mix Components	Mix Ratio	
	Control Sample (kg)	Test Sample (kg)
OPC	3.65	3.65
Dune Sand	3.44	3.44
0-5 mm Aggregate	5.67	5.67
05-10 mm Aggregate	3.95	3.95
10-20 mm Aggregate	5.87	5.87
Water	1.64	1.64
Admixture	-	0.037

Compressive Strength

Test	Test Method	Unit	Result			
			Control sample (OPC)	Test Sample (OPC+ Admixture)	Percentage of Control (%)	Standard Specification (ASTM C494)
Compressive Strength (28 days)	BS EN 12390-3	MPa	46.0	48.0	104.3	90% Min

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

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