



Sttar Technologies

MECHANICAL | CHEMICAL | NDT | DURABILITY | BITUMEN | SOIL

Civil Engineering Material Testing Laboratory

ISO / IEC 17025:2017 NABL Accredited Testing Laboratory

GSTIN : 27ADWFS8826R1ZL



TC-9176

TEST REPORT ADMIXTURE

Report No. :	SC / 152887 / 52947 / C-3			Inward No	ST / 52947					
ULR No:	TC 125000007614			Report Issue date	16/11/2024					
Issue To:	M/S. ADD CHEM INDUSTRIES , A 506 PRISHA APPARTMENT BEHIND KAMALA ARCADE RABALE NAVI MUMBAI			Date of Receipt	12/11/2024					
Date of Start				12/11/2024						
Date of Completion				14/11/2024						
Condition of Sample				Good						
Project / Site Address:	Admixture, Product Name - ACI Plast PC 500 , ADD CHEM INDUSTRIES									
Letter Reference	Letter Dated : 10/11/2024									
Sample Description/ID Mark:	ACI PLAST PC 500 (Concrete Admixture)									
Size/Brand/ Batch No.:	F110/0922									
Discipline :	Mechanical Testing		Group :	Building Material						
Results And Observations :										
Sr.No	Tests	Results				Requirements (as per IS:9103-1999) RA 2018 , Table 1A & Table 1B				
		Test Method	Control	ACI PLAST PC 500	% Over Control					
1	Water Content, % of Control Sample	IS 9103: 1999 RA: 2018	60	45	75	60 Max.				
2	Time of Setting, Hours	IS 8142: 1976								
	Allowable Deviation from control sample									
	(a) Initial						4.5	6.1	1.6	+1 Min., +4 Max
	(b) Final						6.9	8.8	1.9	+3 Max
3	Compressive Strength, % of Control Sample	IS 516: 1959 RA: 2018								
	(a) 3 days						14.25	20.15	141.4	125 Min.
	(b) 7 days						23.78	35.45	149.1	125 Min.
	(c) 28 days						33.45	49.25	147.2	115 Min.
4	Flexural Strength, % of Control Sample.	IS 516: 1959 RA: 2018								
	(a) 3 days						1.68	2.32	138.1	110 Min.
	(b) 7 days						2.92	3.90	133.6	100 Min.
	(c) 28 days						4.33	6.10	140.9	100 Min.
5	Bleeding, % increase over Control Sample	IS 9103: 1999 RA: 2018	0.2	0.3	1.5	5 Max.				
6	Slump, mm	IS 1199:1959 RA : 2018	60	71	11	Not more than 15 mm				

Amit
Amit Bansode
Sr. Chemist
Reviewed By



Shri Tambadkar
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Authorized Signatory

Page 1 of 2

Format No : ST/FM/TR

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