



CEMENTOS ALFA, S.A.

PLANT: MATAPORQUERA

ER Certificate: ER-0572/1998



TECHNICAL CHARACTERISTICS CERTIFICATE

Cement

CEM II/A-L 42.5 R BS-EN 197-1

**N: 015/002144
CE: 0099/CPR/A33/1061**

Period

April, 2025

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition	%	
Insoluble Residue	%	
Sulphates (SO ₃)	%	3,3 < 4,0
Chlorides	%	0,05 < 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water	%	30,2
Initial Setting Time	min	195 > 60
Final Setting Time	min	246 < 720
Soundness Le Chatelier	mm	0,4 < 10
Specific Surface (Blaine)	cm ² /g	4554
Compressive Strength at 2 days	MPa	
• Monthly average	30,2	> 20,0
• Cumulative average (05/2024 - 04/2025)	31,4	> 20,0
• Cumulative Std. Dev. (05/2024 - 04/2025)	1,8	
Compressive Strength at 28 days	MPa	
• Monthly average	53,7	42,5 - 62,5
• Cumulative average (05/2024 - 04/2025)	56,9	42,5 - 62,5
• Cumulative Std. Dev. (05/2024 - 04/2025)	1,7	
Additional Characteristics		
C3A *	(%)	6,2
Alkali Equivalent	(%)	0,84

* Corresponding to clinker composition

This document doesn't imply that any amount of cement has been supplied by the Company

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Chief of Quality Control

