



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

February, 2026

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	29,8	
Initial Setting Time	186	> 60
Final Setting Time	239	< 720
Soundness Le Chatelier	0,6	< 10
Specific Surface (Blaine)	4683	
Compressive Strength at 2 days		
• Monthly average	29,0	> 20,0
• Cumulative average (03/2025 - 02/2026)	30,0	> 20,0
• Cumulative Std. Dev. (03/2025 - 02/2026)	1,4	
Compressive Strength at 28 days		
• Monthly average	53,9	42,5 - 62,5
• Cumulative average (03/2025 - 02/2026)	54,6	42,5 - 62,5
• Cumulative Std. Dev. (03/2025 - 02/2026)	2,0	
Additional Characteristics		
C3A *	6,8	
Alkali Equivalent	0,83	

* 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

