



CEMENTOS ALFA, S.A.

PLANT: MATAPORQUERA

ER Certificate: ER-0572/1998



TECHNICAL CHARACTERISTICS CERTIFICATE

Cement

Period

CEM I 52,5 N (ma)

January, 2026

CE: 0099/CPR/A33/1148

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %	3,0	< 5,0
Insoluble Residue %	0,8	< 5,0
Sulphates (SO ₃) %	3,1	< 4,0
Chlorides %	0,05	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	30,2	
Initial Setting Time min	140	> 45
Final Setting Time min	184	< 720
Soundness Le Chatelier mm	0,3	< 10
Specific Surface (Blaine) cm ² /g	4657	
Compressive Strength at 2 days MPa		
• Monthly average	36,1	> 20,0
• Cumulative average (02/2025 - 01/2026)	35,7	> 20,0
• Cumulative Std. Dev. (02/2025 - 01/2026)	1,5	
Compressive Strength at 28 days MPa		
• Monthly average	60,6	> 52,5
• Cumulative average (02/2025 - 01/2026)	62,0	> 52,5
• Cumulative Std. Dev. (02/2025 - 01/2026)	2,0	
Additional Characteristics		
C3A * (%)	3,1	
Alkali Equivalent (%)	0,68	< 0,75

* 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

