



**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**

**December, 2025**

TESTS	Results Average Value	Standard Spec. EN/UNE
<b>Chemical Characteristics</b>		
Loss on Ignition	%	
Insoluble Residue	%	
Sulphates (SO <sub>3</sub> )	%	< 4,0
Chlorides	%	< 0,10
<b>Physical and Mechanical Characteristics</b>		
Normal Consistency Water	%	29,9
Initial Setting Time	min	198
Final Setting Time	min	248
Soundness Le Chatelier	mm	0,2
Specific Surface (Blaine)	cm <sup>2</sup> /g	4575
Compressive Strength at 2 days	MPa	
• Monthly average	29,6	> 20,0
• Cumulative average (01/2025 - 12/2025)	30,4	> 20,0
• Cumulative Std. Dev. (01/2025 - 12/2025)	1,6	
Compressive Strength at 28 days	MPa	
• Monthly average	54,3	42,5 - 62,5
• Cumulative average (01/2025 - 12/2025)	54,9	42,5 - 62,5
• Cumulative Std. Dev. (01/2025 - 12/2025)	2,1	
<b>Additional Characteristics</b>		
C3A *	(%)	7,3
Alkali Equivalent	(%)	0,79

\* 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

