



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

September, 2025

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %		
Insoluble Residue %		
Sulphates (SO ₃) %	3,3	< 4,0
Chlorides %	0,06	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	29,3	
Initial Setting Time min	201	> 60
Final Setting Time min	254	< 720
Soundness Le Chatelier mm	0,6	< 10
Specific Surface (Blaine) cm ² /g	4492	
Compressive Strength at 2 days MPa		
• Monthly average	29,1	> 20,0
• Cumulative average (10/2024 - 09/2025)	30,7	> 20,0
• Cumulative Std. Dev. (10/2024 - 09/2025)	1,7	
Compressive Strength at 28 days MPa		
• Monthly average	53,1	42,5 - 62,5
• Cumulative average (10/2024 - 09/2025)	55,2	42,5 - 62,5
• Cumulative Std. Dev. (10/2024 - 09/2025)	2,1	
Additional Characteristics		
C3A * (%)	6,1	
Alkali Equivalent (%)	0,75	

* Corresponding to clinker composition

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

Barrio la Estación, s/n.
39410 Mataporquera (Cantabria)
Tel. 942 770 058
Fax 942 770 243
info@alfainforma.com
www.valderrivas.es

Chief of Quality Control



**GRUPO
CEMENTOS
PORTLAND
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