

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

July, 2025

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %		
Insoluble Residue %		
Sulphates (SO ₃) %	3,1	< 4,0
Chlorides %	0,04	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	29,9	
Initial Setting Time min	190	> 60
Final Setting Time min	243	< 720
Soundness Le Chatelier mm	0,5	< 10
Specific Surface (Blaine) cm ² /g	4491	
Compressive Strength at 2 days MPa		
• Monthly average	29,7	> 20,0
• Cumulative average (08/2024 - 07/2025)	30,9	> 20,0
• Cumulative Std. Dev. (08/2024 - 07/2025)	1,8	
Compressive Strength at 28 days MPa		
• Monthly average	54,2	42,5 - 62,5
• Cumulative average (08/2024 - 07/2025)	55,9	42,5 - 62,5
• Cumulative Std. Dev. (08/2024 - 07/2025)	2,0	
Additional Characteristics		
C3A * (%)	6,1	
Alkali Equivalent (%)	0,67	

* 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

