



CEMENTOS ALFA, S.A.

PLANT: MATAPORQUERA

ER Certificate: ER-0572/1998



TECHNICAL CHARACTERISTICS CERTIFICATE

Cement

CEM I 52,5 N (ma)

Period

April, 2025

CE: 0099/CPR/A33/1148

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %	3,0	< 5,0
Insoluble Residue %	0,5	< 5,0
Sulphates (SO ₃) %	3,2	< 4,0
Chlorides %	0,04	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	30,4	
Initial Setting Time min	169	> 45
Final Setting Time min	214	< 720
Soundness Le Chatelier mm	0,4	< 10
Specific Surface (Blaine) cm ² /g	4608	
Compressive Strength at 2 days MPa		
• Monthly average	35,4	> 20,0
• Cumulative average (05/2024 - 04/2025)	37,0	> 20,0
• Cumulative Std. Dev. (05/2024 - 04/2025)	1,5	
Compressive Strength at 28 days MPa		
• Monthly average	62,0	> 52,5
• Cumulative average (05/2024 - 04/2025)	62,9	> 52,5
• Cumulative Std. Dev. (05/2024 - 04/2025)	1,9	
Additional Characteristics		
C3A * (%)	1,8	
Alkali Equivalent (%)	0,65	< 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
VALDERRIVAS