



Cementos Portland Valderrivas, S.A.

PLANT: MONJOS

ER Certificate: ER-0675/1999

TECHNICAL CHARACTERISTICS CERTIFICATE

Cement

III/A 42,5 N/SRC
CEM III/A-S 42,5 N

N: 015/002303
CE: 0099/CPR/A33/1258

Period

March, 2026

TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %	2,2	< 5,0
Insoluble Residue %	0,8	< 5,0
Sulphates (SO ₃) %	3,3	< 4,0
Chlorides %	0,01	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	32,0	
Initial Setting Time min	174	> 60
Final Setting Time min	279	
Soundness Le Chatelier mm	0,3	< 10
Specific Surface (Blaine) cm ² /g	5193	
Compressive Strength at 2 days MPa		
• Monthly average	19,3	> 13,5
• Cumulative average (04/2025 - 03/2026)	20,8	> 13,5
• Cumulative Std. Dev. (04/2025 - 03/2026)	2,4	
Compressive Strength at 28 days MPa		
• Monthly average	56,6	42,5 - 62,5
• Cumulative average (04/2025 - 03/2026)	56,9	42,5 - 62,5
• Cumulative Std. Dev. (04/2025 - 03/2026)	2,3	
Additional Characteristics		
C3A * (%)	5,9	< 8,0
C3A + C4AF * (%)	15,6	< 22,0

* Corresponding to clinker composition

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

Av. Pla de l'Estació s/n
08730 Santa Margarida i Els Monjos, Barcelona
Tel. +34 93 898 39 00
Fax +34 93 818 63 64
monjos@gcpv.com
www.valderrivas.es

Chief of Quality Control

