



Product Data

CARO WHITE

Calcium Aluminate Cement

Product Properties

- CARO WHITE is a 70% alumina cement developed for the building chemistry.
- CARO WHITE is characterized by specific whiteness, high purity, and high reactivity which results in fast strength development.

Chemistry	Typical	Specification	
		Min	Max
Al ₂ O ₃ (%)	70	68.5	
CaO (%)	29		31.0
SiO ₂ (%)	0.15		0.4
Fe ₂ O ₃ (%)	0.05		0.3
MgO (%)	0.29		0.4
K ₂ O + Na ₂ O (%)			0.4
Phase composition			
Ratio C ₁₂ A ₇ / CA			0.01
CA	Major		
CA ₂	Major		
C ₁₂ A ₇	Minor		
α-Al ₂ O ₃	Minor		
Whiteness (CIELAB values)			
L*		92	
a*		-0.5	0
b*		0	1.6

All data are based upon Almatris standard test methods.
 The typical properties are based upon the actual averages from production data.



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Fineness	Typical	Specification	
		Min	Max
Specific surface area Blain (cm ² /g)		3700	
Residue 90 μm (%)	0		5
-45 μm (%)	97	80	
D50	10		
Other Characteristics			
Bulk density (g/cm ³)	0.9		
Density (g/cm ³)	3.0		

Shelf life

Stored under adequate dry conditions and in the original packaging, the properties of all Almatis Calcium Aluminate Cements remain stable for a period of 24 months. Experience has shown that even after longer storage time the properties are not impaired. Exposure to ultraviolet radiation from direct sunlight can alter the plastic packaging and ultimately reduce the shelf life. An additional protection from direct sunlight is required in such cases. The shrink wrap should remain until the material is being used.

For more detailed information on Cement Testing please refer to the brochure "Cement Test Methods".

Standard Packaging

25 kg plastic bags / 1 mt big bags / bulk shipments on request

Contacts for sales, technical information and application assistance

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