



1404



Calucem d.o.o.

Revelanteova 4

52100 Pula, Croatia

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Calcium Aluminate Cement

ISTRA 45

CAC(45) - 1

EN 14647:2005

Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products

Essential characteristic	Performance
Calcium Aluminate Cement constituents and composition	Constitution of the Calcium Aluminate Cement, defined on the basis of constituent
Compressive strength (6h and 24h)	6h \geq 18,0 MPa 24h \geq 40,0 MPa
Setting time	\geq 90 min
Alumina content	35 % \leq Al ₂ O ₃ \leq 58 %
Sulfide content	S ²⁻ \leq 0,10 %
Chloride content	Cl ⁻ \leq 0,10 %
Alkali content	Na ₂ O equivalent \leq 0,4 % Na ₂ O equivalent = Na ₂ O + 0,658 * K ₂ O
Sulfate (as SO ₃) content	SO ₃ \leq 0,5 %