



1404



**Calucem d.o.o.**

Revelanteova 4

52100 Pula, Croatia

**07**

Calcium Aluminate Cement

**ISTRA 40**

**CAC(40) - 1**

**EN 14647:2005**

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

<b>Essential characteristic</b>	<b>Performance</b>
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 <sub>2</sub> O <sub>3</sub> $\leq$ 58 %
Sulfide content	S <sup>2-</sup> $\leq$ 0,10 %
Chloride content	Cl <sup>-</sup> $\leq$ 0,10 %
Alkali content	Na <sub>2</sub> O equivalent $\leq$ 0,4 % Na <sub>2</sub> O equivalent = Na <sub>2</sub> O + 0,658 * K <sub>2</sub> O
Sulfate (as SO <sub>3</sub> ) content	SO <sub>3</sub> $\leq$ 0,5 %