

CEM III/A type blastfurnace cement with high standard strength 52,5 CEM III/A 52,5 L

Property of cement	Typical values	Requirement
1d strength	8...12 MPa	none
2d strength	19...23 MPa	≥ 10 MPa
7d strength	39...44 MPa	none
28d strength	59...65 MPa	≥ 52,5 MPa
Initial setting time	150...250 min	≥ 45 min
Soundness	0...1,5 mm	≤ 10 mm
Fineness (Blaine)	450...520 m ² /kg	none
Loss of ignition	0...4%	≤ 5,0%
Insoluble residue	0...4%	≤ 5,0%
Sulfate content SO ₃	3,0...3,5%	≤ 4,0%
Chloride Cl	≤ 0,08%	≤ 0,10%
Cr6+	0...2 mg/kg	≤ 2 mg/kg

Other main constituents	%	Requirement
Sum of other main constituents	40...46%	≥ 36% and ≤ 65%
Limestone	0...5%	0...5%
Blast furnace slag	40...46%	≥ 36% and ≤ 65%

Chemical properties of clinker	%
CaO	63...65%
SiO ₂	20...22%
Al ₂ O ₃	4,0...5,4%
Fe ₂ O ₃	2,8...3,3%
MgO	2,5...3,2%

FINNSEMENTTI
A CRH COMPANY

Finnsementti Oy
21600 Parainen | Tel. +358 201 206 200
www.finnsementti.fi | www.semnet.fi
info@finnsementti.fi
name.surname@finnsementti.fi



Inspecta Sertifiointi Oy