

Kolmos SEMENTTI

Blast furnace cement
CEM III/A 52.5 L

Kolmossementti is a high-strength blast furnace cement. Mainly used is in ready-mixed concrete, but applications can be found in various concrete products and element applications.

Kolmossementti is also excellent for stabilization. The high amount of GGBFS makes it a lower-carbon alternative for concrete construction compared to Finnsementti's CEM I type cements.

Cement properties	Requirements (SFS-EN 197-1)
Strength 2 d	≥ 10 MPa
Strength 28 d	≥ 52.5 MPa
Initial setting time	≥ 45 min
Soundness	≤ 10 mm
Loss on ignition	≤ 5%
Insoluble residue	≤ 5%
SO ₃	≤ 4.0%
Chloride content	≤ 0.10%

Cement composition	Requirements (SFS-EN 197-1)
Cement clinker	≥ 35% and ≤ 64%
GGBFS	≥ 36% and ≤ 65%

Cement properties	Requirements (REACH N:o 1907/2006)
Cr6+	≤ 2 mg/kg

FINNSEMENTTI
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