

Oiva

SEMENTTI

Portland composite-cement
CEM II/B-M (S-LL) 52.5 N

Oiva cement is versatile cement. Cement properties are its best in ready-mixed concrete, but there are also applications for Oiva-cement in various concrete products and element production.

Oiva cement is also excellent for stabilisation. The relatively high content of supplementary cementitious material makes it a lower-carbon alternative for concrete construction compared to Finnsementti's CEM I type cements.

Cement properties

Cement properties	Requirements (SFS-EN 197-1)
Strength 2 d	≥ 20 MPa
Strength 28 d	≥ 52.5 MPa
Initial setting time	≥ 45 min
Soundness	≤ 10 mm
SO ₃	≤ 4.0%
Chloride content	≤ 0.10%

Cement composition

Cement composition	Requirements (SFS-EN 197-1)
Cement clinker	≥ 65% and ≤ 79%
Additives (limestone and GGBFS)	≥ 21% and ≤ 35%

Cement properties

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

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