

TYPICAL CEMENT CERTIFICATE

Cement type

ProBase

Physical tests

Time of Set Vicat (minutes)
Initial 120
Final..... 245

Fineness
Specific surface
(Blaine) (m²/kg)..... 386
Retained on 45 µm
sieve (%)..... 4

False set (%) 67

Autoclave
expansion (%)..... 0.12
Air content (%)..... 7

Compressive strength (MPa)
3 days..... 26.2
7 days..... 30.7
28 days..... 37.5

Expansion of mortar bars
at 14 days (%) 0.014
Suphate resistance, expansion
at 14 days (%) 0.048

Chemical analysis (%)

SiO₂ 19.1
Al₂O₃ 4.9
Fe₂O₃ 3.7
CaO 60.5
Free Lime..... 1.4
MgO..... 2.6
SO₃ 3.8
Loss on ignition 1.9
Insoluble residue..... 0.4
Total alkali
(Na₂O equivalent) 0.92

Mineralogical composition
C₃S 52.0
C₂S 15.6
C₃A 6.8
C₄AF..... 11.1

**We hereby certify that the cement delivered complies with the
 CSA Standard A3000-13 requirements section A3001-13.**

For any information regarding this certificate, please contact our technical service at (418) 329-2100, ext. 3276.

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