

TYPICAL CEMENT CERTIFICATE

Hydraulic Cement type

EnerCemPhysical tests

Time of Set Vicat (minutes)
Initial 170
Final 320

Fineness
Specific surface (Blaine) (m²/kg) 396
Retained on 45 µm sieve (%) 5

Autoclave expansion (%) 0.03
Air content (%) 7

Compressive strength (MPa)
3 days 20.4
7 days 24.6
28 days 31.0
91 days 38.0

Heat of hydration at 7 days (kJ/kg) 272

Chemical analysis (%)

SiO₂ 20.4
Al₂O₃ 6.4
Fe₂O₃ 8.1
CaO 52.6
Free Lime 1.0
MgO 2.3
SO₃ 2.8
Lost on ignition 2.7
Total alkali (Na₂O equivalent) 0.93

Fly ash addition (% by mass) 10.2

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

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

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