

PRODUCT DATA SHEET

INDUSTRISEMENT

CEM I 52,5 R

LATEST REVISION MARCH 2023

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland CEM I 52,5 R.

Properties		Declared values	Requirements according to NS-EN 197-1:2011
Fineness (Blaine m ² /kg)		550	
Specific weight (kg/dm ³)		3.13	
Soundness (mm)		1	≤10
Initial setting time (min)		110	≥45
Compressive strength (MPa)	1 day	33	
	2 days	41	≥20
	7 days	50	
	28 days	59	≥52.5
Sulfate (% SO ₃)		≤4.0	≤4.0
Chloride (% Cl ⁻)		≤0.085 (B) / ≤0.05 (K) ²⁾	≤0.10
Water soluble chromium (ppm Cr ⁶⁺)		≤2	≤2 ¹⁾
Alkalies (% Na ₂ O _{ekv})		1.3	
Clinker (%)		96	95-100
Limestone filler (%)		4	0-5

1) According to EU-regulation REACH Annex XVII point 47 Chromium VI-compounds

2) B = Brevik, K = Kjølsvik



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