

PRODUCT DATA SHEET

Anleggsement

CEM I 52.5 N

Last revision January 2023

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland cement CEM I 52.5 N.

Properties		Declared values	Requirements according to NS-EN 197-1:2011
Fineness (Blaine m ² /kg)		415	
Specific weight (kg/dm ³)		3.14	
Soundness (mm)		1	≤ 10
Initial setting time (min)		120	≥ 45
Compressive strength (MPa)	1 day	21	
	2 days	33	≥ 20
	7 days	49	
	28 days	63	≥ 52.5
Sulfate (% SO ₃)		≤ 4.0	≤ 4.0
Chloride (% Cl ⁻)		≤ 0.07	≤ 0.10
Water soluble chromium (ppm Cr ⁶⁺)		≤ 2	≤ 2 ¹
Alkalis (% Na ₂ O _{eq.})		0.6	
Clinker (%)		96	95-100
Minor additional constituents (%)		4	0 - 5

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

NORCEM
HEIDELBERGCEMENT Group

Norcem AS, Postboks 142, Lilleaker, 0216 Oslo
Tlf. 22 87 84 00 firmapost@norcem.no www.norcem.no