

PRODUCT DATA SHEET

ANLEGGSEMENT

CEM I 52,5N

LATEST REVISION DECEMBER 2025

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland cement CEM I 52,5 N. In addition, the cement satisfies the requirements for DS/INF 135:2020 Classification of cement, classification (LA) and (MS). These data also applies to evoBuild low-carbon Anleggsement and evoZero Anleggsement produced with CCS in Brevik.

Properties		Declared values	Requirements in NS-EN 197-1:2011	Requirements in DS/INF 135:2020
Fineness(Blaine m ² /kg)		450		
Specific weight (kg/dm ³)		3.14		
Soundness (mm)		1	≤10	
Initial setting time (min)		120	≥45	
Compressive strenght (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	*Danish additional req.
Water soluble chromium (ppm Cr ⁶⁺)		≤2	≤2 ¹⁾	
Alkalis (% Na ₂ O _{ekv})		≤0.6		≤0.6
Loss on ignition (%)		≤5.0	≤5.0	
Insoluble residue		≤5.0	≤5.0	
C ₃ A (%)		≤8		≤8
Clinker (%)		96	95-100	
Minor additional constituents (%)		4	0-5	
Sekundær bestanddel (%)		4	0-5	

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



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