

## PRODUCT DATA SHEET

# ANLEGGSEMENT

## CEM I 52,5N

LATEST REVISION JUNE 2023

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).

Certificate-DOP no. 1111-CPR-0413

DOP no. 1111-DoP-NO11-0413

Dancert certificate no. 484

Properties		Declared values	Requirements in NS-EN 197-1:2011	Requirements in DS/INF 135:2020
Fineness(Blaine m <sup>2</sup> /kg)		450		
Specific weight (kg/dm <sup>3</sup> )		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 <sub>3</sub> )		≤4.0	≤4.0	
Cloride (% Cl <sup>-</sup> )		≤0.07 *	≤0.10	*Danish additional req.
Water soluble chromium (ppm Cr <sup>6+</sup> )		≤2	≤2 <sup>1)</sup>	
Alkalis (% Na <sub>2</sub> O <sub>ekv</sub> )		≤0.6		≤0.6
Loss on ignition (%)		≤5.0	≤5.0	
Insoluble residue		≤5.0	≤5.0	
C <sub>3</sub> A (%)		≤8		≤8
Clinker (%)		96	95-100	
Minor additional constituents (%)		4	0-5	

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



Heidelberg Materials Sement Norge AS  
PO.box 143, Lilleaker, NO-0216 Oslo

[www.sement.heidelbergmaterials.no](http://www.sement.heidelbergmaterials.no)