

PRODUCT DATA SHEET

INDUSTRISEMENT

CEM II/A-L 42,5 R

LATEST REVISION APRIL 2024

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland Limestone filler cement CEM II/A-L 42,5 R

Properties		Declared values	Requirements according to NS-EN 197-1:2011
Fineness (Blaine m ² /kg)		550 (B)	
Specific weight (kg/dm ³)		3.10	
Soundness (mm)		1	≤10
Initial setting time (min)		110	≥60
Compressive strength (MPa)	1 day	31	
	2 days	39	≥20
	7 days	47	
	28 days	54	≤42.5 ≥62.5
Sulfate (% SO ₃)		≤4.0	≤4.0
Chloride (% Cl ⁻)		≤0.085 (B)	≤0.10
Water soluble chromium (ppm Cr ⁶⁺)		≤2	≤2 ¹⁾
Alkalies (% Na ₂ O _{ekv})		1.3	
Clinker (%)		90	80 - 94
Limestone filler (%)		10	6 - 20

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

2) B = Brevik



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

www.sement.heidelbergmaterials.no