

PRODUCT DATA SHEET

STANDARDSEMENT FA

CEM II/B-M(V-L) 42,5 R

LAST REVISION OCTOBER 2022

Norcem Standardsement FA satisfies the requirements according to NS-EN 197-1:2011 for the Portland-composite cement CEM II/B-M (V-L) 42.5 R.

Properties		Declared values	Requirements according to NS-EN 197-1:2011
Fineness (Blaine m ² / kg)		450	
Specific weight (kg /dm ³)		3.00	
Soundness (mm)		1	≤ 10
Initial setting time (min)		150	≥ 60
Compressive strength (MPa)	1 day	19	
	2 days	29	≥ 20
	7 days	40	
	28 days	53	≥ 42.5 ≤ 62.5
Sulfate (% SO ₃)		≤ 4.0	≤ 4.0
Chloride (% Cl ⁻)		≤0.085 (B) / ≤0.05 (K)	≤ 0.10
Water soluble chromium (ppm Cr ⁶⁺)		≤ 2	≤ 2 ¹
Alkalies (% Na ₂ O _{ekv})		1.4 (B) / 1.5 (K)	
Clinker (%)		76	65-79
Fly ash (%)		18	21-35
Limestone (%)		6	

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

B = Brevik and K = Kjølsvik

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