

PRODUCT DATA SHEET

STANDARDSEMENT FA

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

LATEST REVISION DECEMBER 2025

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland composite cement CEM II/B-M(V-L) 42,5 R. These data also applies to evoBuild low-carbon Standard-cement FA and evoZero Standardcement FA produced with CCS in Brevik.

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)		140	≥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 = Kjølpsvik



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