

Byggcement

CEM II/A-LL 42,5 R

Byggcement is a Portland-limestone cement produced by Heidelberg Materials in Skövde, Sweden.

The product fulfills the technical data below. On rare occasions the values may deviate from the specified ranges or limits.

Property		Value	Range	Requirements in EN 197-1
Compact density (kg/m ³)		3070	±20	-
Bulk density (kg/m ³)		1250	±250	-
Setting time (min)		150	±30	≥ 60
Specific surface (blaine, m ² /kg)		490	±30	-
Brightness (%)		26	±1	-
Compressive strength (MPa)	1 day	23	±3	-
	2 days	35	±3	≥ 20.0
	28 days	55	±4	≥ 42.5 / ≤ 62.5
Sulfates, SO ₃ (%)		3.8	±0.3	≤ 4.0
Alkali, Na ₂ O _{eq} (%)		0.95	±0.1	-
Chlorides, Cl ⁻ (%)		0.03	±0.01	≤ 0.10
Water-soluble chromium Cr ⁶⁺ (PPM)		0-2	-	≤ 2 ¹
Clinker (%)		≥ 80	-	80-94
Limestone (%)		≤ 20	-	6-20

¹ Clause 47 of Annex XVII the REACH Regulation.

The maximum storage period is 18 months from the date of packaging for unopened 20kg bags, 12 months from the date of packaging for unbroken big bags and 6 months from the date of delivery for silos (bulk).

For further information and handling of cement, see the safety data sheet.