

Bascement Plus

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

Bascement Plus is a Portland-composite cement produced by Heidelberg Materials in Slite, 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)		2865	±20	-
Bulk density (kg/m ³)		1250	±250	-
Setting time (min)		150	±30	≥ 60
Specific surface (blaine, m ² /kg)		530	±30	-
Brightness (%)		31	± 1	-
Compressive strength (MPa)	1 day	19	± 3	-
	2 days	31	± 3	≥ 20.0
	28 days	50	± 4	≥ 42.5 / ≤ 62.5
Sulfates, SO ₃ (%)		3.6	± 0.3	≤ 4.0
Alkali, Na ₂ O _{eq} (%)		1.15	± 0.05	-
Chlorides, Cl ⁻ (%)		0.07	± 0.02	≤ 0.10
Water-soluble chromium Cr ⁶⁺ (PPM)		0-2	-	≤ 2 ¹
Loss of ignition, fly ash (%)		< 5.0		≤ 5.0
Clinker (%)		≥ 68	-	65-79
Fly ash (%)		≤ 22		6-29
Limestone (%)		≤ 20	-	6-29
Fly ash + limestone (%)		≤ 32		21-35

¹ Clause 47 of Annex XVII the REACH Regulation.

The maximum storage period is 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.