

# Bascement

CEM II/A-V 52,5 N



## Cement type and cement class

Bascement is a CEM II/A-V 52.5 N Portland-fly ash cement manufactured in Slite to comply with requirements in SS-EN 197-1 Cement-Part 1. It has ordinary early strength together with higher standard strength characteristics. Bascement is recommended to be used in standard concrete work. Technical data is shown on page 2 of the technical data sheet.

## Standards and control

Bascement fulfill the requirements in SS-EN 197-1 Cement-Part 1 and is CE-marked with certificate number 0402-CPD-SC0784-09 (Swedish version).

## Packaging, distribution and storage

Bascement is distributed and delivered in bulk. Bascement shall be stored in a dry and sealed silo to avoid contact with moisture. Recommended storage time is limited to six months after delivery, to ensure the intended chromate reduction. It is always the buyer's responsibility to make sure and be able to show that the storage location is dry and sealed, and that the storage time is observed.

## General terms of delivery

The terms of delivery are subject to conditions outlined in ABM 07. Contact CEMENTA for additional information.

## Safety during handling

All cement must be kept out of the reach of children and is not fit for human consumption. Cement in contact with eyes can cause serious damage to eyes. Cement and water form calcium hydroxide which irritates skin and respiratory organs. For complete safety information and instructions please consult the Material Safety Data Sheet.

## Product information

For the latest updates to the Technical Data Sheet and Material Safety Data Sheet, see our website [www.cementa.se](http://www.cementa.se).

# Technical data

## Bascement CEM II/A-V 52,5 N

Bascement comply with the requirements for Portland-fly ash cement in SS-EN 197-1. Guideline values for Bascement and the requirements according to the standard are listed below.

### Physical and chemical data

Property	Guideline value	Unit	Requirement	Standard
Blaine fineness	450	m <sup>2</sup> /kg		
Setting time	150	min	≥ 45	EN 197-1
Compressive strength 1d*	22	MPa		
Compressive strength 2d*	31	MPa	≥ 20,0	EN 197-1
Compressive strength 28d*	56	MPa	≥ 52,5	EN 197-1
Compact density	3000	kg/m <sup>3</sup>		
Bulk density	1250	kg/m <sup>3</sup>		
Brightness	28	%		
Total alkali	1,1	%		
Sulfates, SO <sup>3</sup>	3,5	%	≤ 4,0	EN 197-1
Chloride, Cl <sup>-</sup>	0,08	%	≤ 0,10	EN 197-1
Water-soluble, Cr <sup>6+</sup>	< 2	ppm	≤ 2	EG 2003/53 KIFS 2004:6

\* Measured on standard mortar