



# CEM II A-LL 42,5 R white

## White cement strength class

CEM II / A-LL 42,5 R according EN 197-1 as a binder for the production of white products.

The white Portland limestone cement opens thanks to its versatility as new dimensions in design and construction, excellent quality, high strength and aesthetic appearance.

### Advantages:

- Highest quality and high durability
- Excellent functionality and unrivaled appearance
- Production of white or colored with suitable color pigments Concrete
- Good early and final strength
- Improves the water retention and reduces the risk of segregation, thereby supple and very easily pumpable

### Usage:

- Especially suitable for exposed concrete and architectural concrete
- Ready-mix concrete / Pumpable concrete
- Precast concrete elements / Precast concrete products
- Plaster and masonry mortar

### Shipping Method:

- Loose cement: truck tanks approx. 26 to

### Manufacturer:

- CRH (Slovensko) a.s. Plant Rohoznik



## Product table according EN 197-1

| Abbreviation       | Naming                    | Limestone | Clinker   | Minor constituents |
|--------------------|---------------------------|-----------|-----------|--------------------|
| CEM II/A-LL 42,5 R | Portland limestone cement | 6 - 20 %  | 80 - 94 % | 0 - 5 %            |

CEM II/A-LL 42,5 R white corresponds to the EN 197-1. The production monitors LGA Bautechnik GmbH with the certificate of constancy of performance NR. 0780 - CPR - 141098 CRH (Slovensko) AG is STN EN ISO 9001/EN ISO 9001: 2000 certified.

## Technical parameters CEM II/A-LL 42,5 R white

| Parameter                          | Standard EN 197 - 1       | Benchmark Plant Rohoznik |
|------------------------------------|---------------------------|--------------------------|
| SO <sup>3</sup> (%)                | max. 4,0                  | 2,8                      |
| Volume resistance (mm)             | max. ≤ 10                 | 0-1,5                    |
| Initial set (min)                  | min. ≥ 60                 | 120                      |
| Compressive strength 2 days (MPa)  | min. ≥ 20,0               | 30                       |
| Compressive strength 28 days (MPa) | min. ≥ 42,5 - max. ≤ 62,5 | 55                       |
| Whiteness (RY) (%)                 | -                         | 84                       |

White cement contains only traces of Cr<sup>6+</sup> and satisfies the requirements of Regulation No 275/2004 of Collection of law.

### Technical Support:

We deliver quality products and offer a bespoke service through individual counseling of clients.

Contact your local sales representative. More information is available at [www.crh-white.com](http://www.crh-white.com)

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