

TECHNICAL DATA SHEET



PORTLANDCEMENT CEM I 42,5 N

15 09 16

Portland cement for making building mortars and concrete

Application:

- For the production of construction mortars, concrete, paving stones, finishing plates, decorative panels, sculptures, joint fillers.

Qualities:

- High physical-mechanical strength.
- Grey colour.

Components:

- Portland cement.

| | | |
|------------------------|---|--------------|
| Technical data: | Type in compliance with standard EN 197-1: | CEM I 42,5 N |
| | Strength class: | 42,5 |
| | Pressure strength after 2 days: | ≥ 10 MPa |
| | Pressure strength after 28 days: | ≥ 42,5 MPa |
| | Binding time: | ≥ 60 min. |
| | Water-soluble chromium content Cr ⁶⁺ : | ≤ 2 mg/kg |

Processing:

- Pour cement and fillers into a clean container or concrete mixer, mix with cold, clean water until a homogeneous mass of the required consistency without lumps is formed and process.
- The duration of mixing is at least 1.5 minutes.

Additional recommendations for processing:

- The material that has started to harden must not be diluted with water!
- After placing the concrete, it must be covered.
- Do not allow fresh concrete to dry out or freeze.

Packing:

- Paper bags 5 kg / full pallet 200 pcs.

Storage:

- Protect the packaging from weather conditions, store on wooden pallets in a cool and dry place. Cover torn or opened packaging immediately.
- Duration of storage in original, unopened packaging – 6 months

Utilization:

- Dispose of hardened mixture in accordance with the requirements of local legislation as a building material of mineral origin.
- Dispose of the packaging in accordance with local legislation.

Safety information:

- Contains cement, reacts alkaline with moisture!
- Safety symbols are indicated on the packaging and safety data sheets.

Additional information:

- During the hardening phase, protect from sunlight, drafts, frost and excessively high temperatures (> +25°C).

| Colour | Packing 1 | Packing 2 | Barcode |
|--------|-----------|-------------------|---------------|
| Grey | 5 kg | 200 pcs. / Pallet | 4751006560581 |

The information provided in the technical data sheet refers to the use of the given product in the absence of other technical documentation prepared and issued by the manufacturer. The manufacturer is not responsible for damages caused by improper use of the given product. In case of questions and uncertainties, please contact the manufacturer or seller. Information about the safety of the product is available in the safety data sheets, declared value – in declaration of performance.