



KEMAFIN CEMENT W

White cement CEM I 52,5 R

- ▶ High initial strength
- ▶ Exceptional purity
- ▶ Decorative white colour



PRODUCT DESCRIPTION	White Portland cement CEM I 52,5 R (I).
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FIELD OF USE For restorations jobs, visible concrete surfaces, concrete prefabricates, etc.

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| PRODUCT PROPERTIES | <ul style="list-style-type: none">• High initial strength• Exceptional purity• Decorative white colour |
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PRODUCT DATA

BASIC INFORMATION

Appearance White powder

Packing 20 kg in bag (plastificated) / 1200 kg (60 x 25 kg) on pallet
5 kg in bag / 25 kg (5x5 kg) in cardboard box / 600 kg (24x25 kg) on pallet

Storage and expiration date 12 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.

TECHNICAL DATA

Type of product Mineral hydraulic binder

Bulk weight -uncompacted: 0,95 kg/dm³ EN 197-1:2002
-compacted: 1,21 kg/dm³ EN 197-1:2002

Grain size D_{max}: 0,09 mm EN 197-1:2002

Setting time -beginning: 240 min EN 197-1:2002
-finish: 300 min EN 197-1:2002

Flexural strength EN 197-1:2002

- after 3 days 1,3 MPa

- after 7 days 1,5 MPa

- after 28 days 1,9 MPa

Compressive strength EN 197-1:2002

- high initial strength after 2 days ≥ 30 MPa

- after 3 days 61,1 MPa

- after 7 days 73,3 MPa

- after 28 days 78,4 MPa

Sulphate content < 4,0 % EN 197-1:2002

Chloride content < 0,1 % EN 197-1:2002

INSTRUCTIONS FOR USE

CONSUMPTION /

USAGE TIME 120 minutes

COAGULATION /

LIMITATIONS

BASE TEMPERATURE +5°C min./+30°C max.

AIR TEMPERATURE +5°C min./+30°C max.

MATERIAL TEMPERATURE +5°C min./+30°C max.

- WARNINGS**
- Times specified in the technical sheet were measured at the temperature of +23°C and relative air humidity of 50%. With higher temperatures prescribed time can be shortened while prolonged at lower temperatures.
 - Protect freshly installed material from freezing, rain and other weather conditions. The material should not be used at (surface, air, material) temperatures lower than +5°C.

Recommendation: Remains of the unhardened/unset material have to be removed in accordance with the legislation.

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

PROOFS

NORMS/STANDARDS In accordance with European standards EN 197-1:2002

SAFETY DATA

Irritating. Contains cement. Irritating to eyes, skin and respiratory tract. Contact with skin may cause hypersensitivity. In case of eye contact wash thoroughly with water at once and consult a doctor. In case of skin contact flood with a lot of water. Keep away from the reach of children. More data on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.



LEGAL BASE

Information and recommendations related to use of KEMA products are presented in good faith and believed to be correct. The later is based on our knowledge and experience with the products. Information is supplied upon the condition that products are stored and used according to the recommendations and the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers. In no event will KEMA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to the use any product, process, equipment or formulation in conflict with any patent, and KEMA makes no representation or warranty, expressed or implied that the use thereof will not infringe any patent. All orders fall under current sales and supply conditions. The user should always check the latest technical sheet available upon demand.