



WATERFIX rapid

Single-component mortar for local leakage repairing and sealing of cracks in concrete structures

1. Product characteristics

Single-component, fast hardening hydraulic mortar for repairing and sealing of leaking parts of concrete.

- supplied as a dry single-component
- fast hardened
- permanently water proof
- permanently watertight
- non-toxic
- suitable for both new and old constructions

2. Use

WATERFIX rapid is a single-component fast hardening hydraulic mortar, used for immediate sealing of leaking concrete construction. It stops leakage of water within seconds and joints the non-active cracks and seals the openings after boxing ties, etc. Also used for sealing of working joints and not compacted parts of concrete structures.

3. Physical and mechanical parameters

Color	non-standard grey
Setting time (max.)	3
Adhesive Bond (MPa)	1.5
Compressive strength after 1 day (MPa)	> 15

4. Test certificates

The product is certified according to Act No. 22/1997 Coll. and Governmental Decree No. 163/2002 Coll. Continuous independent production quality control is provided by AZL 1687 LABBET®. Supervision of quality management, environmental and OSH systems is performed by Certification Body No. 3029.

5. Instruction for preparation and application

The base preparation. Cut out a "U" shape slit in the place of the joint or crack to be repaired crack, 2.5 cm wide and 4-5 cm deep. "**V**" shape slit is not suitable. Coarsen the surface around the slit, 15 cm on each side
Preparation of the putty. **WATERFIX rapid** mortar is prepared by mixing 1 volume part of water with 3.5 volume parts of dry material. Mix manually until the homogenous mortar is made.

Application. Prior to the application remove any excess water from the slit or the spot which is being sealed, then immediately press the prepared mortar into the leaking place. Hold the mortar on the place until it hardens, approximately 60 sec.

Workability time of the mortar is max. 3 min under 20°C.

Neither temperature of base nor temperature of ambient air shall be below + 5°C and above + 30°C.

Surface treatment. The surface of the treated area should be moisten 2-3x a day by a fine spray of water for two days. Instead of moistening the **DENSOCURE W** product might be used. **DENSOCURE W** is applied immediately after the setting.

6. Specific consumption

Specific consumption of dry mortar is 1.5 kg/dm³.

7. Packing and storage

The product is supplied in PE buckets of 15 kg weight. **WATERFIX rapid** must be efficiently protected during transportation and storage against moisture. Shelf life in undamaged packing is 3 months.

After the expiration of min. shelf life, which is stated on the packaging, ingredients are not fully effective at reducing chromium VI below 2 ppm.

8. Health protection at work

Handling **WATERFIX rapid** dry mortar does not require any extraordinary hygienic precautions. The product contains alkalis and therefore any contamination of mainly eyes or mucous membrane must be prevented. Health and labor safety rules applicable to work with cement or lime mortars are to be adhered to. It is especially recommended to use rubber gloves.

Issued MSDS meets the requirements of EC-Regulation 1907/2006, Article 31.

Because the product meets the criteria for classification as hazardous, it is necessary to provide the recipient or carriers with MSDS.



In countries where regulation REACH (para. 33.1): EU regulation on chemicals and their safe use (REACH: EC 1907/2006) is valid, professional users and distributors must be provided with following information automatically and without request:

This product is subject to Regulation (EC) No. 1907/2006 (REACH). It does not contain any substances that could be released from product under normal or reasonably foreseeable conditions of use. Therefore, there are no registration requirements for substances in articles within the meaning of. Article 7.1 of the Regulation. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from candidate list published by the European Chemicals Agency in concentrations above 0.1% (w / w).

9. Waste disposal

During disposal of contaminated packages or clearing debris from product, it is necessary to follow the Act No. 185/2001 Coll. on waste, as amended.

10. Important notice

All information mentioned above, especially advice for processing and application of our products, is based on our knowledge from the development of chemical products and on years of experience with applications in practice at standard conditions, and proper storage and use. Due to the differing conditions during processing, high count of products, varying nature and modifications of base and other external influences, the procedure based on the information provided or on other written or oral recommendations, may not always ensure satisfactory working results. BETOSAN s.r.o. assumes no liability for provided advice or recommendation. The applicator must prove, that he submitted complete information on time and in writing which is necessary for a proper detailed assessment by BETOSAN s.r.o. The applicator must test the suitability of the products for the intended application. Proprietary rights of third parties, above all, must be taken into account. All received are orders subject to our current "General sales and delivery conditions ". Please always make sure that you follow the most recent issue of the Technical Data Sheet. It is available, along with other information, at our Technical Department or at www.betosan.cz

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WATERPROOFING



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