

BETOKRYL fixativ W



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CONCRETE REPAIR

One-component water-soluble penetration composition

1. Product characteristics

One-component coating penetration composition on the basis of acrylate-copolymer dispersion with admixture of special additives. Meets the requirements of EN 1504-2.

- supplied in optimum consistence fit for direct application
- high penetration capability
- guarantees perfect adhesion of finishing coat
- applied by roller, manual coating or spraying

2. Use

BETOKRYL fixativ W is one-component water-soluble penetration composition, which is intended especially for penetration of surfaces concrete and reinforced concrete, lime-cement and cement plasters, lightweight building materials, wood, pressed fiberboards, asbestos cement, bases both in-side and outside before using the coating composition **BETOKRYL W**.

3. Physical and mechanical parameters

Requirements / results according to EN 1504-2

Property	Declared value or class
Water penetration rate:	NPD
Penetration depth	NPD

Physical and mechanical parameters

Color of composition	Non-standard white
Density (kg/m ³)	1 050 ± 25
Drying out - stage 1	ca. 3 hours
- stage 5	ca. 22 hours

4. Test certificates

Meets the requirements of EN 1504-2.

The product is certified according to Act No. 22/1997 Coll. and Regulation (EU) No 305/2011 of the European Parliament and of the Council (CPR). 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

Base. The cement milk and any incoherent, loose, weatherworn or otherwise visibly damaged layer of the plastering system shall be removed from the surface of the treated base. The treated surface cannot be contaminated by substances negatively effecting adhesion to the base (fats, greases, oils, etc.). The concrete shall mature at least 14 days. Tensile strength of surface layers of the plastering system inside and outside shall be at least 0.1 Mpa in interior and 0.2 MPa in exterior. When the coat is applied, the new plastering system shall be 28 days old at least.

Preparation of penetration coat. The penetration composition is properly mixed and homogenized before application itself. Diluting of the penetration composition is not desired

Workability. Workability of the penetration coat is unlimited. The penetration coat shall be efficiently protected against desiccation.

Neither temperature of the base nor temperature of ambient air shall be below + 10 °C and above + 30 °C.

Application of penetration coat. The penetration coat is applied preferably by a roller or, possibly, a brush in quantity amounting to 100 - 150 g/m² in dependence on absorbance of the base. In case of larger surfaces it is practical to apply **BETOKRYL fixativ W** by spraying using some convenient airless devices. After drying out (3 hours minimum) the finishing composition **BETOKRYL W** shall be applied.

6. Specific consumption

Spreading capacity (specific consumption) of the penetration coat **BETOKRYL fixativ W** amounts to 0.10 ÷ 0.15 kg/m² in dependence on base roughness.

7. Packaging and storage

BETOKRYL fixativ W is packed into 10 kg PE buckets. The storage life of the product in original intact packing is 6 months. During transport and storage **BETOKRYL fixativ W** must not be exposed to frost.

8. Health protection at work

Work with the penetration system **BETOKRYL FIXATIV W** requires adequate sanitary measures usual for work with dispersed coating compositions. During application use of common personal protective equipment (mask, rubber gloves) is assumed. In case of accidental affliction of mucous membranes or skin wash thoroughly the irritated place and in case of accidental swallowing immediately search medical help.

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

In countries where regulation REACH (par. 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 orders are 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.

11. CE marking

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BETOSAN s.r.o. Na Dolinách 28, 147 00 Prague 4	
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1301-CPD-0257	
EN 1504-2:2004	
BETOKRYL fixativ W Penetration coating for concrete	
Water penetration rate	NPD
Water penetration depth	NPD

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