

BETOSIL fixativ W



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One-component water-soluble penetration coating

1. Product characteristics

One-component penetration coat on the basis of specially formulated silicone-acrylate resin. 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

BETOSIL fixativ W is a one-component penetration coat on the basis of specially formulated silicone-acrylate resin, intended for penetration of concrete and reinforced concrete surfaces before application of the **BETOSIL W** coating system.

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	Milky white
Density (kg/m ³)	1 075 ± 25

4. Test certificates

Meets the requirements of EN 1504-2, annex ZA and TP ŘSD Sec. 31. and TP SSBK III.

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. Any incoherent, loose, weatherworn or otherwise visibly damaged layer of the plastering system shall be removed from the repaired 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 should be left to cure for at least 14 days before the application.

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

Workability. Workability of the penetration composition is unlimited. The penetration composition shall be effectively protected against desiccation.

Neither temperature of the base nor temperature of ambient air shall be below + 10 °C and above + 30 °C. Ideal temperature for application is between +10 °C and +25 °C.

Application of the penetration coat. The penetration coat is applied preferably by a roller or, as the case may be, a brush in quantity amounting to approximately 100 - 150 g/ m² in dependence on absorbability of the base. In case of larger surfaces it is easier to apply **BETOSIL fixativ W** by spraying using some suitable airless devices. The first finishing coat made of **BETOSIL W** shall be applied after 24 hours of drying.

Coating shouldn't be applied in rain, strong wind or in the intense direct sunlight. Tools and contaminated places shall be immediately washed by water.

6. Specific consumption

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

7. Packaging and storage

BETOSIL fixativ W is supplied in PE buckets of 10 kg net capacity. The shelf life of the product in original undamaged packing is 6 months. During transportation **BETOSIL fixativ W** must be efficiently protected against frost.

CONCRETE REPAIR

8. Health protection at work

Work with the penetration system **BETOSIL fixativ W** requires adequate sanitary measures usual for work with dispersed coating compositions. The product does not contain any harmful substances. 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

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

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