

FLEXICOAT fixativ



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Single- component penetration paint for concrete

1. Product characteristics

Single-component penetration paint based on aqueous styrene-acrylate co-polymer dispersion. Meets the requirements of EN 1504-2.

- supplied as a single-component product
- has excellent workability, application with a brush, a roller or a spray gun
- exhibits excellent adhesion to base

2. Use

FLEXICOAT fixativ is a single-component penetration paint intended for penetration prior to the application of **FLEXICOAT** to concrete and reinforced concrete, to concrete structures exposed to dynamic loading and to surfaces damaged by growing hairline expanding cracks.

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 paint	Transparent
Density (kg/m ³)	1027 ± 30
Dry matter (%)	45 ± 3

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

The base must be adequately cohesive, free of impurities and possible residual degraded coatings. Local defects should be filled in. Local uneven spots of the surface should be free of sharp edges.

Preparation of the penetration **FLEXICOAT fixativ** is supplied as a single-component system. Its preparation for application consists simply of mixing with a suitable manual mixer or a slow-speed electric propeller mixer. The mixed material should be protected from drying by sealing the bucket.

Application The paint is applied to a suitably prepared substrate with a brush or a roller. When using a spray gun, for gun-spraying, consult the manufacturer for dilution parameters (usually 2 : 1 or 1 : 1 (paint/water)).

Neither temperature of the base nor temperature of ambient air shall be below + 5 °C and above + 35 °C.

6. Specific consumption

Spreading capacity (specific consumption) of the penetration coat amounts to 0.1 – 0.15 kg/m² in dependence on base roughness.

7. Packaging and storage

FLEXICOAT fixativ is supplied in PE buckets of 10 kg net capacity. The product should be stored in original packaging at temperatures from +5°C to + 35°C. The storage life of the product in original undamaged packing is 6 months.

8. Health protection at work

Work with **FLEXICOAT fixativ** penetration paint does not require any special hygienic precautions. The material does not contain harmful substances. Standard rules of hygiene are to be complied with at work; gloves and protective clothing should be worn. Upon contact with skin and/or mucous membranes the affected areas should be washed or rinsed with running water. Medical help must be sought in case of accidental ingestion. 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 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	
FLEXICOAT fixativ penetration paint for concrete	
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Water penetration depth:	NPD

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