

# EXTRAFIN

## Single-component polymeric oil-resistant insulation material

### 1. Product characteristics

A single-component permanently elastic waterproofing material composed of aqueous polymeric dispersion of fine-grained mineral fillers, special additives and pigments.

- supplied as single-component
- ideal workability, applied by brush, roller or asphalt broom, possibly a spray gun
- completely resistant to oils, diesel
- completely waterproof
- perfect adhesion to concrete and cement plasters
- attains its full performance properties within 24 hours

### 2. Use

**EXTRAFIN** is a single-component, permanently flexible oil-resistant paint suspension designed for insulation of impounding reservoirs, floors, concrete contingency tanks and other building structures, where is a risk of undesirable leakage of oils and similar liquids. After curing, the coating can be walked upon and permanently resists oils, water and all atmospheric effects.

### 3. Physical and mechanical parameters

Color of the coat	grey
Minimum film-forming temperature (°C)	+ 5
Adhesion to base (MPa)	> 1.5
Oil-tightness <sup>*)</sup> 120 min (l/m <sup>2</sup> )	0.0
Water-tightness 120 min (l/m <sup>2</sup> )	0.0

**Note:** test was carried out under the method according to Testing procedure 02/2004 BETOSAN

### 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 must be compact, free of dirt, formwork substances, cement milk and/or other older and degraded coating. Local defects (blisters, holes, larger cracks, etc.) must be repaired with reprofiling mortars of the **WATERFIX XP (TH)** series or with the **MONOCRETE rapid XP (TH)**. For base with cracks, working spaces, or other openings, it is advisable to repair them with a suitable putty resistant to oil products. Moisture content shouldn't exceed 8%.

Preparation of the insulation material. **EXTRAFIN** is supplied as single-component. Preparation consists of mixing with a suitable manual or slow-revolution mechanical mixer. The coating substance should be protected against drying in a closed container.

Application. The coating is applied to prepared base using a brush, roller, bitumen-application brush, or a spray gun. Application should be crisscross (brush or roller movements in two perpendicular directions). The coating should be applied in two to three layers, depending on base material quality and exposure. 12 to 24 hour intervals between individual coats should be allowed. In dependence on the absorbability and moisture content of the base it is desirable to use **DENSOCURE W** primer to close the surface. Dry and absorbent bases should be primed. Drying out takes about 2 hours.

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

### 6. Specific consumption

For standard two-layer coating system the specific consumption amounts to 0.6 kg/m<sup>2</sup>, while the final thickness of the insulation membrane is around 200 µm. For three-layer coating system the specific consumption amounts to 0.8 kg/m<sup>2</sup>.

### 7. Packing and storage

**EXTRAFIN** is supplied in PE buckets of 10 kg net. The product should be stored in original packing under temperatures between +5 °C and +30 °C. Shelf life in original undamaged packing is 12 months.

### 8. Health protection at work

Handling **EXTRAFIN** waterproofing coating does not require any extraordinary hygienic precautions. The material doesn't contain any harmful substances. Standard hygienic precautions should be followed and gloves and protective clothing should be worn. In case of contact with skin or mucous membrane, the contaminated area should



be immediately washed with a continuous stream of water. In case of accidental swallowing seek medical attention.

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](http://www.betosan.cz)

Technical Data Sheet No. 4-22

Issued 1.1.2018

WATERPROOFING



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