

ARMOGUARD P

A migrating corrosion inhibitor – admixture

1. Product characteristics

Liquid admixture – a migrating inhibitor for concrete, sanitation mortars and reinforced concrete.

- long term protection for the steel reinforcement embedded in concrete
- has no influence on the concrete structure
- does not decrease vapor permeability
- significantly increases the lifetime of concrete in aggressive environment
- easy application, admixture is added to batch water
- incombustible
- does not affect mechanical properties of concrete

2. Use

ARMOGUARD P is used as a preventative guard against corrosion of concrete-steel constructions, (e.g. industrial structures, bridges, abutment walls, outdoor staircases, etc.) **ARMOGUARD P** especially protects against damaging effect of chlorides and other influences, which may cause corrosion of armor. It can be used with repairing mortars from **MONOCRETE** series as well.

3. Physical and mechanical parameters

Color	Clear/colorless liquid
Density (kg/m ³)	1 030
pH value	10.4±0.5

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

ARMOGUARD P is added into batch water or directly mixed with water into the mixing device.

ARMOGUARD P is compatible with all common types of liquefying admixtures and with BETOSAN s.r.o. products: FROSTOP L, FROSTOP LQ, ETRISAN, DENSOCURE PPE, DENSOCURE PPE TH.

6. Specific consumption

Admixture **ARMOGUARD P** is usually added in the amount of 2.5 - 4.0% of the weight of cement.

7. Packaging and storage

ARMOGUARD P is supplied in PE containers of 10kg weight. Store between +5°C and +40°C. Protect against frost. The shelf life of undamaged original packing is 12 months. Protect against frost.

8. Health protection at work

Work with **ARMOGUARD P** does not require special safety and hygienic precautions. The appropriate protective clothing, gloves and glasses should be worn. In accidental contact with eyes rinse eyes wide open with running water and seek medical assistance. In case of accidental ingestion, do not induce vomiting, seek medical assistance.

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.

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CONCRETE REPAIR



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