

ARMOBET TP 2500/200 MB

Sealing tin sheet for construction joints

1. Product characteristics

ARMOBET TP 2500/200 MB is a steel zinc galvanized tin sheet coated on both sides with a layer of modified bitumen.

- simple mounting
- suitable even for corrosively problematic environments
- coated with a protective layer on both sides
- bitumen modification ensures perfect adhesion to the concrete
- doesn't require atmospheric protection before concreting

2. Use

ARMOBET TP 2500/200 MB is intended for sealing of technological and construction joints of concrete and reinforced concrete water tight and gastight constructions. Elastic bitumen layer resists to corrosive media, sewage water, neutralization sludge etc. **ARMOBET TP 2500/200 MB** can be therefore used not only for sealing of foundation tanks, but proves well also for ensuring water tightness of various clarification basins, retention tanks, for sealing of wastewater treatment plant structures, sealing of watertight structures in agriculture industry, food industry etc. **ARMOBET TP 2500/200 MB** is also suitable for securing the tightness of the tanks of biogas plants.

3. Physical and mechanical parameters

Material	galvanized sheet of 0.55 mm thickness, chemically resistant modified bitumen coating 2 x 0.5 mm
Size (mm)	length: 2 500, width: 200
Weight (kg)	2.52 ± 0.08

4. Test certificates

Supervision of the quality system, EMS and OHSAS is carried out by Notified Body No. 1020.

5. Instruction for preparation and application

ARMOBET TP 2500/200 MB is inserted in a designated position into to the reinforcement, into the middle of a construction or technological joint. The first step is to remove the covering foil at the bottom edge with fastening perforated trim. Sheet is fixed by a wire over the perforated mounting rim. At the junction of the individual sheets, it is necessary to remove the protective film at a length of about 100 mm to expose the adhesive layer of bitumen. Another part is to be installed with a minimum overlap of 50 mm, at the joint both exposed surfaces must be well pressed together, subsequently ensure joint by a supplied clamps. After connecting it is recommended to re-cover the joint (including the installed clamps) by the protective foil. In the corners can be **ARMOBET TP 2500/200 MB** just bended in the required shape without the risk of damaging the bitumen layer even at low temperatures. The depth of the insertion into the concrete should be at least 30 mm ideally 80 during the first casting. Prior to subsequent concrete casting the protective foil also from the upper part of **ARMOBET TP 2500/200 MB** sheet must be removed.

6. Packing and storage

ARMOBET TP 2500/200 MB sealing sheets are supplied in an individual packing of 2 500 x 200 mm, resp. in packing of 10 pieces. In dry standard environment the shelf life of the product is unlimited.

During storage the deformation of the sheets must be prevented. Therefore it is necessary to store them in a horizontal position supported in full length.

During manipulation and transport of **ARMOBET TP 2500/200 MB** a mechanical damaging of the sheet or the protective foil must be prevented.

7. Health protection at work

Handling **ARMOBET TP 2500/200 MB** sealing sheet does not represent any health or hygienic risks. Standard rules of hygiene are to be complied with while working, approved protective aids (gloves) should be worn.

8. 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.

9. 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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