

## THRAKON Bitu-Coat

### BITUMINOUS EMULSION



#### DESCRIPTION

**THRAKON Bitu-Coat** is a bituminous water soluble emulsion dark brown in color, pulp in form. It consists of bitumen, water and special additives. The film that is

formed after the application and drying out of product is not affected by thin acids and alkalis solutions and various corrosive chemicals. It is not oil resistant.

#### FIELDS OF APPLICATION

**THRAKON Bitu-Coat** has strong adhesion to many substrates such as concrete, stone, metal or wood. It is compatible with polyurethane and polystyrene. It is an excellent waterproofing product which can be applied on foundation basements, walls, roofs (flat or inclined).

It also applied as an adhesive for thermal insulation materials and as a water vapour barrier. Diluted with water it can be used for bonding bituminous membranes.

#### ADVANTAGES - CHARACTERISTICS

- Excellent waterproofing.
- Strong bonding on concrete, stone or wood.
- It is compatible with polyurethane and polystyrene.
- It is suitable as a water vapour barrier.
- It is suitable for bonding bituminous membranes.

#### SUBSTRATE PREPARATION

The surface must be smooth, clean and dry, free from dust, oils, grease and other debris.

#### APPLICATION

**THRAKON Bitu-Coat** is cold applied with a bristle brush, roller or spray gun. For bonding bituminous membranes one layer is sufficient. The recommended dilution is up to 30% with water. The installation of the membrane on the primed substrate should only start after fully evaporation of the water (at least 24 h) and the dry film formation.

For waterproofing application on various surfaces apply at least two coats provided that the first layer is

completely dry. Application of thick layers should be avoided. The use of reinforcement mesh between two coatings of **THRAKON Bitu-Coat** increases the mechanical strength of the system.

For waterproofing application on surfaces exposed to direct sun radiation, **THRAKON Bitu-Coat** must be protected with bituminous aluminum paint to extend its lifetime and avoid premature ageing.

#### PACKAGING – STORAGE

The product is packed in plastic containers of 19 kg. It is stored in sealed containers, at a temperature greater than 0 °C for 12 months from date of production.

#### CONSUMPTION

0.5 - 1 kg/m<sup>2</sup> depending on the porosity and smoothness of the surface.

#### CLEANING

As long as the product is still wet clean with water. If it has dried use gasoline, oil or other proper solvent.

#### PRECAUTIONS

Extended contact with skin should be avoided. For more information, please refer to the Material Safety Data Sheet.

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## BITUMINOUS EMULSION



TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Water permeability		ASTM D-1227 , ASTM D-2939	No
Flow at 100°C			None
Density	(gr/cm <sup>3</sup> )		1,10 -1,14
Residue after evaporation	(%)		50-55

**Note:** The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.