



# Bitupast

Bituminous  
waterproofing  
emulsion



## General description

BITUPAST is an anionic bitumen emulsion containing synthetic resins, emulsifiers and mineral stabilizers. The uniform membrane formed after vaporization of the water element has strong resistance to low concentration acid and base solutions. It is vulnerable to organic solvents and oils.

## Applications

BITUPAST is used for:

- Waterproofing and protection on concrete surfaces (terraces, supporting walls, foundations).
- Terrace pre-coating (primer).
- Protection of thermo-insulations (vapor barrier).
- Rejuvenation of older asphalt based insulating layers. Compatible with polystyrene, polyurethane, concrete, light concrete, bricks, asbestos, cement products, metallic surfaces.

## Application method

The applied surface must be clean from dust, grease, oils, or other waste materials. It is applied with the use of a bristle brush or spray pistol, in at least two layers depending on the desirable outcome. Each layer should be applied vertically to the previous one, which must be adequately dried up. Addition of reinforcement (glass felt) between layers considerably increases the waterproofing ability. BITUPAST is not used in temperatures  $< +5^{\circ}\text{C}$ . If it is used as pre-coating (primer) can be diluted with water up to 50%. Tools can be cleaned with water only immediately after use. When dried up, can be removed with the use of gasoline.

## Consumption

Consumption depends on the porosity and the texture of the application surface. Recommended quantities per use are:

- Concrete surfaces:  $1,5 \text{ kg/m}^2$ .
- Waterproofing of terraces:  $2,5 \text{ kg/m}^2$ .
- Protection of thermo-insulations (vapor barrier):  $0,5 \text{ kg/m}^2$ .

## Packaging - Storage

- In plastic containers with a net weight of 19 kgs - 42 containers on a pallet.
- In metal barrels with a net weight of 220 kgs.

When stored in a closed environment and at temperatures  $> +5^{\circ}\text{C}$ , can last for a period of at least a year.

## Precautions

Avoid extended skin contact. In case of eye or skin contact, use plenty of water and seek medical advice. It must not be disposed directly to the environment. It must be handled according to the respective environmental regulations. It is harmless during transportation.

Technical Specifications		
Tests	Test Method	Limits
Density, $\text{gr/cm}^3$	ASTM D – 1227, Type III, Class 2	1,1 – 1,14
Evaporation residue, %		40 - 60
Ash in residue, %		30 - 50
Water content, %		40 – 60
Drying time, h, max		$\leq 24$
Flammability		No tendency to flash
Heat test $100^{\circ}\text{C}$		No blistering, sagging or slipping
Flexibility $0^{\circ}\text{C}$		No cracking or flaking
Resistance to water		No blistering or re-emulsification

