

# bitupast

Waterproofing bituminous emulsion



**Bitupast** is highly viscous waterproofing anionic bituminous emulsion, viscous paste, with synthetic resins and mineral stabilizers. **Bitupast** forms a uniform waterproofing black membrane highly resistant to low concentration acids and bases and less resistant to organic solvents, oils and strong chemical detergents. **User and environmentally friendly due to absence of solvents.**

**IMPLEMENTATION:** **Bitupast** offers mainly waterproofing protection of horizontal and vertical concrete surfaces (terraces, walls, roofs before tiles), waterproofing of supporting walls and foundations before covering, bonding of insulation boards, maintenance of existing bitumen waterproofed surfaces. It can be used also as a primer, if diluted with water, for horizontal and vertical surfaces. Compatible with polyurethane, polystyrene, concrete, light concrete, bricks, plasterboard, metallic and wooden surfaces.

**APPLICATION:** The surface must be free of dust, oils or other waste materials. It can be applied with a bristle brush, paint roller or airless spraying devices. For best results allow each coat to fully dry and apply in a crossed over manner. Fiberglass reinforcement between dried coats considerably increases product performance. **Bitupast** is applied at temperatures higher than 5°C. If applied as a primer, can be diluted, with water, up to 15%. It should be protected with bituminous aluminum paint **bitual**, if exposed to sunlight. Tools are cleaned with water immediately after use. In case they dry using petrol or oil may remove most residues.

**CONSUMPTION:** Consumption depends on the porosity and the feature of the constructional surface. Recommended consumption per coat 0,4 - 0,6kg/m<sup>2</sup>: Recommended consumption for waterproofing of terraces: 3,6kg/m<sup>2</sup>, waterproofing and protection of concrete surfaces: 1,5kg/m<sup>2</sup>, bonding of insulations boards: 0,7kg/m<sup>2</sup>, as a primer 0,4 - 0,6 kg/m<sup>2</sup>.

**PACKAGING - STORAGE:** Plastic containers, net weight 5kg, 18kg. In environmentally controlled areas, at temperatures higher than 5°C for one year at least.

**PRECAUTIONS - PROTECTION :** Classification according to regulation EC 1272/2008, Avoid release to the environment. Wear protective gloves, protective clothing, eye protection and face protection. If on skin wash with plenty of soap and water. For professional use only. Not dangerous during transportation. Please refer to the MSDS for more detailed information.

## Technical characteristics

TESTS	TEST METHOD	LIMITS
Appearance	Observation	Thixotropic paste
Color	Observation	Brown - Black
Density at 25°C, gr/cm <sup>3</sup>	ASTM D-1227, Type III, Class 2	1,1 - 1,14
Residue by evaporation, %	ASTM D-1227, Type III, Class 2	40 - 60
Ash content in residue, %	ASTM D-1227, Type III, Class 2	30 - 50
Water content, %	ASTM D-1227, Type III, Class 2	40 - 60
Drying time, h	ASTM D-1227, Type III, Class 2	≤24
Flammability, °C	ASTM D-1227, Type III, Class 2	Non-flammable
Heat test at 100°C	ASTM D-1227, Type III, Class 2	No blistering or sagging
Flexibility at 0°C	ASTM D-1227, Type III, Class 2	No cracking
Resistance to water	ASTM D-1227, Type III, Class 2	No blistering or re-emulsification

