

bituplast

Elastomeric waterproofing bituminous emulsion



5kg

18kg



Bituplast is a highly viscous **elastomeric** waterproofing anionic bituminous emulsion with synthetic resins and mineral stabilizers. It forms a uniform waterproofing black membrane highly elastic with very good adherence on all constructional surfaces. **Bituplast** is effective covering very thin cracks of all surfaces. It is 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: **Bituplast** is used for waterproofing and protection on horizontal and vertical concrete surfaces (waterproofing of bathrooms, floors, terraces), waterproofing of supporting walls and foundations before covering, protection of insulation (vapor barrier), bonding of insulation boards maintenance of existing bitumen waterproofed surfaces. Compatible with, polyurethane, polystyrene, concrete, light concrete, bricks, plasterboard, metallic and wooden surfaces.

APPLICATION: The surface must be free of dust 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. **Bituplast** is applied at temperatures from 5°C to 30°C. When applied at temperatures higher than 30°C, it is recommend dilution with water at 20% approx. It should be protected with bituminous aluminum paint **bitual**, if exposed to sunlight. Tools can be 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 constructional surface. Recommended consumption per coat 0,4 - 0,6kg/m². Recommended consumption for waterproofing of roofs: 2,5kg/m², protection and waterproofing of supporting walls: 1,5kg/m², bonding of insulation boards: 0,7kg/m², protection of insulation (vapor barrier): 0,5 kg/m².

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 ³ | ASTM D-1475 | 1,0 - 1,05 |
| pH index | pH-meter | 8 - 10 |
| Residue by evaporation, % | Evaporation | 55 - 60 |
| Elongation at break, 25°C, % | ASTM D-412 | >600 |
| Cold flexibility, °C | ASTM D-522 | <-8 |
| Elastic recovery, 25°C, % | ASTM D-6084 | >65 |

