

BRIT® MB-50 BITUMEN-OIL MASTIC

A specialized hot-applied material for waterproofing civil structures, underground elements of bridges and other structures, and pipelines



Application Scope

Waterproofing of foundations of buildings and structures, piles, embedded reinforced-concrete structures; arrangement of roll roofing, built-up roofing reinforced with glass materials, as well as underground steel pipelines.

Advantages

- Universal waterproofing material having anti-rust qualities and characterized by a wide range of application.
- High strength of adhesion with the base.
- The material has antiseptic properties enabling protection of wooden surfaces.
- Can be applied to a vertical surface.



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Composition

Petroleum bitumen, modified polymers, and petroleum oils (STO 77310225.010-2017).

Packaging

Fibre drum, 24 kg.

Application Technology

- The mastic should be applied on a preliminarily prepared, dry and clean surface.
- Heated up the mastic in a pourer boiler with forced agitation at +170°C to +190°C. Both direct heating and overheating are strictly prohibited.
- Only a single reheating is allowed, provided observance of the process temperature.

Characteristics

Parameter	MB-50
Quantity of non-soluble substances in benzene, %, <i>up to</i>	2
Melting point, °C	45–55
Softening temperature, °C	55–60
Penetration depth of a 0.1 mm needle at t = +250°C, mm	40
Cooling contraction, %, <i>up to</i>	8
Frost resistance, °C, <i>at least</i>	–45