

# «BRIT-INSULATION» AND «BRIT-INSULATION R» WATERPROOFING MASTICS

A specialized cold-applied single-component material for internal and external water-proofing



## Application Scope

Water proofing of surfaces of civil structures, embedded structures (foundation slabs, basements, piles, reservoirs, etc.), structural members of bridges and water engineering structures, pipelines, interior rooms of buildings and structures; rust protection of metal structures.

## Advantages

- High strength of adhesion with the base.
- Fire and toxic safety.
- Can be applied to a vertical surface.
- High elasticity of the set coating.
- Can be applied under negative temperatures (BRIT-INSULATION R mastic may be used at temperatures as low as -20°C).

## Composition

«BRIT-INSULATION»: Bituminous emulsion modified with latex (STO 77310225.004-2014).

«BRIT-INSULATION R»: Petroleum bitumen, organic solvent, and polymer compound. (STO 77310225.011-2017).

## Packaging

Metal bucket, 20 l (20 kg).  
Plastic bucket, 30 l (30 kg).

## Characteristics

Parameter	"BRIT-INSULATION"	"BRIT-INSULATION R"	Standard
Heat resistance within 5 hours, °C, <i>at least</i>	50	80	
Strength of cohesion with the base – concrete, MPa:	0,2	0,1	GOST 26589
Strength of cohesion with the base – metal, MPa:	0,5	0,1	
Water absorption within 24 hours, % by weight, <i>up to</i>	0,5	0,4	



## BRIT-INSULATION

for use under temperatures  
as low as +5°C

## BRIT-INSULATION R

for use under temperatures  
as low as -20°C

## Application Technology

- Clean the surface from dust, dirt, grease, and prime (use this mastic diluted with water at a 1:1 ratio or use a bitumen emulsion-based primer).
- Thoroughly stir the BRIT-INSULATION mastic and apply it on a primed surface using a brush or a paddle roller. Can be applied to a moist base.
- Let the primer dry up for 5-10 hours before subsequent works.
- If necessary, apply the mastic again.