



**Appearance:** homogenous dark-brown or black liquid mass

**Composition:** pre-fabricated water emulsion of petroleum bitumen, modified with synthetic rubber, processing additions and fillings

**Is used to:**

- maintain and repair sealant roofing;
- repair all types of roofing;
- maintain roofing protective layers;
- waterproof constructs (foundations, cellars, piles, slabs driven into ground or exposed to humid environment);
- waterproof interiors (bathrooms, floors, walls, swimming pools, balconies, cellars).

**Surface preparation:** the working surface must be dry and cleared from dirt; dust, sand, trash, grease and oil patches; all cracks and uneven surfaces must be mended and levelled with repair mortars. We recommend priming before applying the sealant (BITAREL®-ECO bitumen primer).

**Product preparation:** before using, the sealant must be stirred throughout until homogenous mass. If stored long, surface crust may form, which must be deleted before using the sealant. Do not stir the sealant with the crust. If you don't use all the sealant in a single usage and a work break occurred, the sealant must be stirred again. The Sealant must be prepared outdoors or in well ventilated rooms at +10°C at least.

**How to use:** sealant is applied layer by layer with a brush, roller or by pouring and levelling with a spraying brush. Can be applied to wet surfaces. Every next layer must be applied after the previous completely dries. Two layers are recommended. Drying period depends on ambient humidity and temperature. Each layer must not be over 1.5 mm.

## ADVANTAGES

- Easy to apply (no need to stir, applied as a paint with a brush or roller)
- Eco-friendly (does not contain hazardous components like solvents or other toxic substances and fumes)
- For both indoor and outdoor works
- Can be applied to wet surfaces

thick. The overall waterproofing after drying should be at least 2 mm thick. Avoid direct sunlight during application of the sealant. The working surface must be thoroughly primed (use BITAREL®-ECO bitumen primer) without puddle but with intermediary natural drying. The layer is considered dry if it doesn't tack. The sealant must be applied at +5°C at least.

**Average consumption:** 2.5-5.7 kg/m<sup>2</sup> per layer (sealant consumption depends on the type of work).

**Storage:** must be stored in sealed containers in dry rooms protected from sunlight at +5°C to +30°C. Must not be stored in proximity to foods. Keep away from children. Do not allow freezing!

**Guaranteed shelf life – 6 months.**

## Basic physical and mechanical characteristics:

No	Item	Standard for the type
1	Adhesion to concrete, MPa, at least	0,45
2	Nominal strength, MPa, at least	0,5
3	Elongation at break, %, at least	700
4	Water absorption within 24 h, % of mass, not exceeding	1
5	Proportion of binding emulsifier, % of mass	50-70
6	Thermal resistance, at least	95
7	5.0±0.2 mm radius of curvature at -15°C	No cracks
8	Water impermeability at 0.001 MPa pressure within 72 h.	Endures