

KEDYBIT-ONE

One-component bituminous elastomeric water-based membrane ready for use, for interiors and exteriors, black in color. Resistant to UV rays, water stagnation and foot traffic.



3,5-4,0 Kg/m² - Applicable by brush, roller and spray.



Waiting time over coverage 12 hours;
- Complete drying time 3-4 days.



12 months in a dry place and in the packaging provided by us, protected from frost and high temperatures.

NATURE OF PRODUCT

KEDY BIT-ONE consists of mixtures of dispersed polymers, bitumen and selected fillers. Designed for continuous waterproofing systems, without joints and/or welds.

APPLICATION FIELDS

- Terraces, balconies, bathrooms and showers, foundations, roof in concrete, wood and/or sheet metal;
- Cementitious screeds;
- Protection and waterproofing of flat roofs;
- Domes, tiles, curved roofs;
- Solar paving;
- Directly on ceramic and stone coverings;
- Existing SLATE bituminous sheaths;
- Galvanized sheets, copper, aluminum, steel, iron.

PREPARATION OF MIXTURE

Ready to use product. Before use, mix the product inside the package by hand to even out the consistency of the dough. The product is homogeneous, free of lumps, with a thixotropic consistency that can also be applied on inclined and vertical surfaces. The dough can be used immediately. The excess quantity can be stored for later use by closing the package with its lid.

CONSUMPTION

KEDY BIT-ONE 1,50 Kg/m² per coat, to obtain a dry film of about 1 mm.

- Total consumption in two coats without reinforcement about 2,50 - 3,00 Kg/m².
- Total consumption in two coats with reinforcement about 3,50 - 4,00 Kg/m².

LAYING OPERATIONS

To obtain the best results, before proceeding with the laying operations, the curing and residual moisture content of the substrate must be checked $\leq 4\%$. The Substrates must be solid and clean so as not to compromise adhesion. KEDY BIT-ONE is easy to apply with a long-haired roller, trowel or spray on horizontal, inclined and vertical surfaces. Once hardened it transforms into an elastic and non-sticky coating. KEDY BIT-ONE can also be applied fresh on fresh.

OLD CERAMICS OR STONE MATERIAL:

Clean with the REMOVE cleaner to remove any type of water repellent treatments, waxes and oils. For NON absorbent surfaces, apply PRIMER 205. The empty joints must be restored with SUPERCOR 1S.

BITUMINOUS MEMBRANE:

Wash thoroughly, let the water dry, prime with PRIMERFLEX, after three hours apply KEDY BIT-ONE.

METAL:

Sand the substrate to remove rust and loose coating. Degrease the substrate with the REMOVE cleaner, 100-200 gr /m² and apply KEDY BIT-ONE.

CONCRETE SUPPORTS:

The substrates must be solid and dry, free from rising damp, the incoherent parts must be restored with KERASO. On crumbly and/or dusty substrates apply the ACRYLSTRONG water based primer beforehand, at a rate of 300 gr / m².

TECHNICAL ADVICE:

Pay attention to the horizontal or vertical expansion joints, which must be suitably treated with BDL 120 strips impregnated with KEDY BIT-ONE or BDL 100 (self adhesive strip) .

If the substrate is greater than 25 m² or with stressed supports, it is recommended to reinforce the product with TEX NET reinforcement, drowning and impregnating the reinforcement in the first abundant coat of KEDY BIT-ONE still fresh, pressing the reinforcement with a smooth trowel. The second coat can then be applied fresh on fresh. The overlaps of the armor must be about 10 cm. If the application is done outdoors, protect the membrane from rain until completely dry.

STORAGE

KEDY BIT-ONE must be stored in a cool place, at a temperature not lower than + 5°C and protected from sunlight. The product cannot stand frost. One frozen, it can no longer be used.

ITEM OF SPECIFICATIONS

Waterproofing of substrates with waterproofing system resistant to UV rays and water stagnation. KEDY BIT-ONE by KEDIL is a single-component liquid waterproofing membrane to be applied in two coats. The product must meet the requirements of EN 1504-2 according to the C PI-MC-IR principles for the protection of concrete and the requirements of EN 14891 as a waterproofing base under tiled surfaces.

PACKAGING

- 20 Kg bucket;
- 10 Kg bucket;
- 5 Kg bucket.

WARNINGS AND RECOMMENDATIONS

- Do not use KEDY BIT-ONE at temperatures below 5 °C or above + 35 °C in case of imminent rain;
- Do not apply KEDY BIT-ONE on damp substrates or substrates subject to rising damp;
- Apply KEDY BIT-ONE on surfaces without depressions and with suitable slopes;
- Do not apply KEDY BIT-ONE on non-solid or powdery substrates;
- Do not apply KEDY BIT-ONE on painted metal substrates;
- Do not apply KEDY BIT-ONE on recently built bituminous membranes (<6 months), in any case wait for the complete oxidation of the surfaces to be treated;
- If it rains between one coat and the other of KEDY BIT-ONE, wait at least 12 hours before applying the second coat until it is dry;
- Do not apply the product if there is dew on the bottom;
- Do not use for direct contact with drinking water.
- Do not use to contain rising damp or counter-thrust water.
- Do not apply in conditions and/or methods other than those explicitly stated in this technical data sheet.

LIMITS OF LIABILITY

This information is based on our knowledge and experience. Due to the diversity of materials on the market and the fact that the conditions of application are beyond our control, the suitability of the product for the specific use under consideration must be verified with adequate test. The responsibilities of Abrasivi Adria S.r.l. it is limited to guaranteeing the constant quality of the product.

TECHNICAL FEATURES - KEDY-BIT ONE

IDENTIFIERS

Performance characteristics	Test method	Performance results
Appearance		Viscous paste
Color		Black
Density	EN 2811-1	c.ca 1,50 Kg/l
Viscosity Brookfield		c.ca 250.000 cPs
Permitted application temperature		Da +5°C a +35°C (Fears frost)
Storage (in a dry place and in the packaging provided)		12 months
Customs item		

APPLICATIONS

Applications		Manual, spray
Consumption	2 coats without reinforcement armor 2 coats with reinforcement armor	~ 2,50 - 3,00 Kg/m ² ~ 3,50 - 4,00 Kg/m ²
Dry film thickness	2 coats without reinforcement armor 2 coats with reinforcement armor	~ 2,00 mm ~ 3,00 mm
Waiting time <i>in conditions of temperature 23±2°C and relative humidity 50±5%</i> <i>(*) times can be more or less long depending on the temperature trend</i>	Between 1° and 2° coat	c.ca 3-4 h. (*)
	Over-coverage	c.ca 12 h. (*)
	Complete drying for laying ceramics and / or paints	c.ca 3-4 days. (*)
Class of adhesives for laying ceramics	C2, according to EN 12004:2007+A1:2012	

PERFORMANCE

Performance characteristics	Test Method	Performance results
Cold flexibility	UNI EN 1109	-10°C
Breaking load	ISO 37	c.ca 1,3 MPa
Elongation at break	ISO 37	c.ca 250 %