



KEBU BITUMEN-TAPE „SPEZIAL“

Hot-applied corrosion protection tape

Corrosion protection tape in accordance with DIN EN 12068 and DIN 30 672
load class B, max. operating temperature 30 °C

DIN-DVGW-Registration No. NV-5180BM0501



PRODUCT INFORMATION

GENERAL

Kebu Bitumen-Tape „Spezial“ is a hot-applied corrosion protection tape made of modified bitumen with high softening point and low breaking point.

The carrier consists of impregnated synthetic fibre fabric (about 100 g/m²) and provides high elasticity.

The tape is suitable for coating factory coated pipes and fittings the coating of which is listed in DIN EN 10329, table 2 or for coating steel pipelines and fittings.

Please ask for detailed data sheets or visit our website at www.kebu.de.

STRUCTURE

Kebusol-Primer BIII

Bonding agent, solvent-containing primer based on bitumen and unsaponifiable resins.

Consumption: about 0.2 l/m²

Drying time: about 3 – 5 minutes

(on preheated substrate)

Kebu Bitumen-Tape „Spezial“

Hot-applied corrosion protection tape, about 4 mm with carrier made of synthetic fibre fabric.



PACKAGES

Kebusol-Primer B III

Consumption l/m²

Package

ca. 0.2 ltr.

1 / 5 / 10 ltr.

Kebu Bitumen-Tape „Spezial“

Weight

Roll Length

Tape Width

about 5.2 kg/m ²	10 m	100 mm
	10 m	150 mm
	10 m	200 mm
	10 m	250 mm
	10 m	250 mm

KEBU BITUMEN-TAPE „SPEZIAL“



APPLICATION

The area to be coated must be dry, if necessary dry it using a propane burner.

Wire-brush the steel surface thoroughly to remove rust, dirt and residuals of the ultrasonic inspection coupling agent or temporary and edge protection respectively.

On steel pipes with a three-layer factory polyethylene coating, the layers of epoxy resin and bonding adhesive on the pipe surface may also be covered by the field coating. To ensure high peel resistance roughen the epoxy resin or adhesive using a manual wire brush. Remove any traces of oil and grease using a suitable solvent.

When coating bare steel pipes take special care to ensure that no mill scale is present on the pipe surface. Any mill scale must be blasted to Sa 2.5 in accordance with DIN EN ISO 12944-4.

The edges of polyethylene factory coatings are normally bevelled. Take care to ensure that no voids are formed. Where voids may form, as in the case of straight edges, damaged and factory coatings with increased thickness prepare the edges using suitable tools. Semi-circular rasps have proved to be suitable for this purpose. When working on coating edges take care to prevent damage such as notches and cuts in the factory polyethylene coating.

Clean about 100 mm of the factory coating adjacent to the cutback area and roughen it manually using a wire brush.

Ensure the area to be coated is preheated sufficiently. Then apply **Kebusol-Primer B III** all over the area to be coated using a paint brush or a paint roller. Drying time takes about 3 – 5 minutes if the substrate is preheated. You must not use a propane burner for accelerated drying.

The field coating applied must cover at least 50 mm of the factory coating adjacent to the cutback area. The coating shall be applied on the still preheated substrate.

Kebu Bitumen-Tape „Spezial“ is applied in single layers. On steel pipes maximum tape width should not exceed 250 mm. Tape segments should exceed the pipe's circumference by 30 mm. Unroll the end of the tape and cut it using a hot spatula. Heat the segment using a propane burner until about 0.5 to 1 mm of the bitumen layer is fluid. Now lay on the tape manually applying adequate tension, ensuring that the tape conforms to the substrate and at the same time, ensure that there are no voids. Overlaps of the tape should cover min. 30 mm.

Reheat overlaps and overlapping area and apply the overlap with a hot spatula. If there is a separation foil present singe it in advance. Reheat the edges of the tape segments and smooth them with a hot spatula.

You can reach a significant improvement of mechanic strength like indentation resistance and impact resistance by overwrapping existing coatings that conform to standards with PE foil like **Kebulen-Tape PE 0.25** or **Kebulen-Tape PE 0.40**.

When applying a two-layer coating you should not overlap the segments but place them next to each other and smooth the junction with a hot spatula. Before applying the second layer preheat the surface of the first layer until the separation foil is thoroughly melted or the talcum powder for separation is completely absorbed respectively. Apply the second layer at an offset angle (see fig. 2).



PRODUCT INFORMATION

ONE LAYER COATING

Fig. 1



2 LAYER COATING

Fig. 2



kebu is certified to be in conformance with DIN EN ISO 9001.

We are member of DVGW, KRV and GKR and supply state-of-the-art products only. All products are subject to constant supervision of external institutes.

Product quality and customer satisfaction are paramount in our policy. We work for you and with you to find tailor-made solutions and accompany you throughout the process.

Our product range includes:

- Kebulen tapes and systems
- Petrolatum tapes and masses
- Bituminous tapes
- Kebulen shrinkable sleeves
- Kebulen shrinkable tubular sleeves
- Kebulen patches C 50
- Shrinkable materials for muff joints
- Synthetic resins:
 - Unsaturated polyester resin
 - Unsaturated vinyl ester resin
- Kebudur HT 80- System
 - Butyl rubber combined with
 - GRP (glassfibre reinforced plastic)

Visit our website at www.kebu.de and find out more about us and our products.

The information given in this publication is based on our knowledge and experience. The hints and instructions for use given therein have been compiled to the best of our knowledge on the basis of our tests and experience. Best results will be obtained if our products are used in a proper and expert way. Any protected rights and existing laws and regulations must be complied with by the recipient of our products under own responsibility. In all other respects our general terms and conditions shall apply.



ABDICHTUNG ROHRSCHUTZ STRASSENTECHNIK

Kebulin-Gesellschaft Kettler GmbH & Co. KG
Fabrik für Korrosionsschutz und Abdichtung seit 1933

Ostring 9 · D-45701 Herten-Westerholt · Postf. 61 80 · D-45684 Herten
Telefon +49 209 9615-0 · Fax +49 209 9615-190
Internet: www.kebu.de · E-Mail: info@kebu.de

**Ke bu Rohrschutz-
und Abdichtungsgesellschaft mbH**

Kamenzer Straße 6 · D-01896 Pulsnitz
Telefon +49 35955 44900 · Fax +49 35955 45953
www.kebu-pulsnitz.de · info@kebu-pulsnitz.de