

PRODUCT DATA SHEET

ORIGINAL **kebu**® Bitumen-Tape "Spezial"



Kebu Bitumen-Tape "Spezial" is a hot-applied corrosion protection tape in accordance with DIN EN 12068 and DIN 30672, load class B at a maximum operating temperature of 30°C. The carrier consists of an impregnated synthetic fiber fabric (about 100 g/m²) and provides high elasticity. Together with the liquid adhesive Kebusol-Primer B III it forms an effective corrosion protection system for steel pipes and fittings.



DIN-DVGW-Reg.-Nr.: NV-5180BM0501
DIN EN 12068 – B30 DIN 30672 – B30

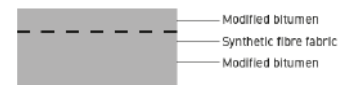
■ STRUCTURE SYSTEM

Kebusol-Primer B III

Bonding agent, solvent containing primer based on bitumen and unsaponifiable resins.
consumption: approx. 0.2 l/m²

1 layer Bitumen-Tape "Spezial"

Kebu Bitumen-Tape "Spezial" is made of modified bitumen with high softening point and low breaking point. The carrier consists of an impregnated synthetic fiber fabric (about 100 g/m²) and provides high elasticity.



■ SPECIAL ADVANTAGES

Hot-applied corrosion protection tape
Modified bitumen
High softening point
Low breaking point

■ AREA OF APPLICATION



Kebu Bitumen-Tape "Spezial" is compatible with factory coatings of PE, PP, epoxy resin, PU and bitumen. It can be used for Field Joint Coating, Coating Rehabilitation and Coating Repair.

■ FORMS OF DELIVERY

Other dimensions on demand

Product	Length of roll [m]	Width of roll [mm]
Kebu Bitumen-Tape "Spezial"	10	100
	10	150
	10	200
	10	250
Kebusol-Primer B III	in containers of 1 l / 5 l / 10 l	

■ APPLICATION

The area to be coated must be dry. If necessary dry the surface by using a propane torch. Wire-brush the steel surface thoroughly to remove any traces of rust and dirt. Also clean about 100 mm of the factory coating adjacent to the cutback area. Remove any traces of oil and grease from the surface 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 8501-1.

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 shouldn't 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 torch 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.30mm.

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

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

■ PROPERTIES of Kebu Bitumen-Tape "Spezial"

Property	Unit	Typical values
Impact resistance	J	≥ 8
Indentation resistance	mm	≥ 0,6
Residual layer thickness at 23°C		
Specific electrical insulation resistance	Ω.m ²	≥ 10 ⁹
Cathodic disbandment resistance at 23°C	mm	≤ 15
Peel strength		
- on pipe surface	N/mm	≥ 1,0
- on PE factory coating	N/mm	≥ 1,0
- on EP factory coating	N/mm	≥ 1,0
Lap shear strength	N/mm ²	≥ 0,1
Number of layers	-	1
Coating thickness	mm	≈ 4

■ PACKAGING, STORAGE AND TRANSPORTATION

Packaging: metal containers / paper / carton box, packing is not returned after use.

Storage: in original packaging, in a dry place without load in a horizontal position, in warehouses, open areas under a canopy, protected from sunlight and atmospheric precipitation. When storing the **Kebu Bitumen-Tape "Spezial"** and transporting it to the work site, store and transport in an upright position, no more than six rows - boxes with tape, and three rows - containers with primer. Transportation and storage at a distance of at least 1 m from heat sources.

Shelf life in original packaging is ≥24 months from the date of manufacture.

Storage temperature: from -5°C to +40°C.

Transportation: on/without pallets, in original packaging, by all means of transport.

■ SUITABLE ACCESSORIES

Kebulen-Tape PE 0.25

Co-Extrusion PE tape for mechanical outer layer.



Kebulen-Tape PE 0.40

Co-Extrusion PE tape for mechanical outer layer.



Kebu Rockshield PP 500/1000

Additional mechanical protection (non-woven PP) for coated pipes and valves or for buried plastic.



■ CONSULT WITH US FOR SPECIFIC PROJECTS OR UNIQUE APPLICATIONS

The product information shown here our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith.

All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice.

For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice. The user is responsible for checking the applications of the product and verifying its suitability for the intended use.

This is the original translation of product information from the english language.

In case of any discrepancy or any dispute arising on the interpretation of this product information, the english text of the respective english product information, which is available at www.dkd-korporation.com, shall be decisive.

The legal relationship shall be governed by Polish law.

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