

# Kebu<sup>®</sup> Bitumen-Tape GW

## Description

**Kebu<sup>®</sup> Bitumen-Tape GW** is a hot-applied corrosion protection tape made of modified bitumen with high softening point and low breaking point. The carrier consists of an impregnated glass fabric (about 120 g/m<sup>2</sup>) and provides high resistance. The tape is suitable for coating factory coated pipes and fittings the coating of which is listed in DIN 30672-2, table 2 or for coating steel pipelines, fittings and for the repair of mechanical damages to the factory coating.

- Hot applied corrosion protection tape
- Accordance with DIN EN 12068 and DIN 30672-1 Load class B, max. operating temperature 30 °C
- DIN-DVGW-Reg.-No. NV-5180BN0481



## Structure

### Kebusol<sup>®</sup>-Primer B III

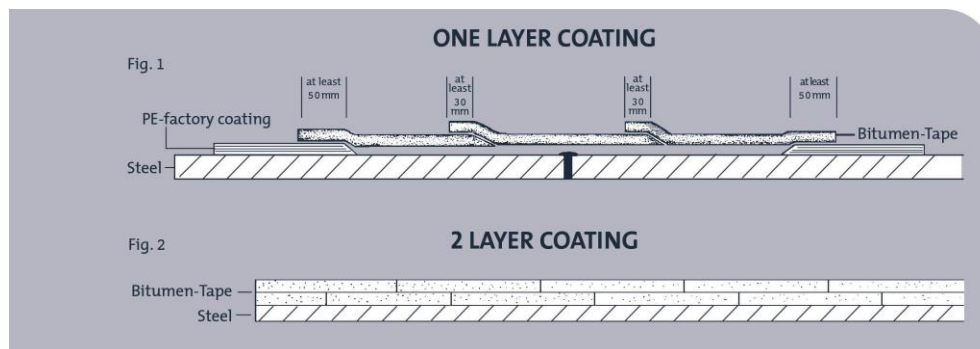
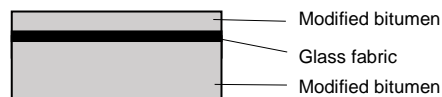
Bonding agent, solvent containing primer based on bitumen and unsaponifiable resins.

consumption: approx. 0.2 l/m<sup>2</sup>

drying time: approx. 3-5 minutes on preheated surface

### Kebu<sup>®</sup> Bitumen-Tape GW

Hot applied corrosion protection tape, approx. thickness 4 mm with carrier made of glass fabric.



## Forms of delivery

**Kebusol<sup>®</sup>-Primer B III** in Containers of 1 l / 5 l / 10 l / 30 l

	Mass of roll [kg/m <sup>2</sup> ]	Length of roll [m]	Width of roll [mm]
<b>Kebu<sup>®</sup> Bitumen-Tape GW</b>	approx. 5.2	10	100
		10	150
		10	200
		10	250

Other sizes available on request

## Application

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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 rust, dirt and residuals of the ultrasonic inspection coupling agent or temporary and edge protection respectively.

On steel pipes with a three-layer factory polyolefin 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 8501-1.

The edges of polyolefin 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 factory coatings 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 polyolefin 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. Afterwards apply **Kebusol<sup>®</sup>-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 applied field coating 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<sup>®</sup> Bitumen Tape GW** is applied in single layers. On steel pipes the 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 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. 30 mm.

Reheat overlaps and overlapping area and apply the overlap area with a hot spatula. If there is 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<sup>®</sup>-Tape PE 0.25** or **Kebulen<sup>®</sup>-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.