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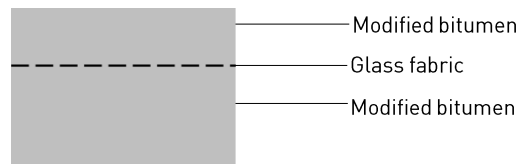- High softening point
- Low breaking point

Kebu Bitumen-Tape GW 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.

Kebu 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/m²) and provides high resistance.
Together with the liquid adhesive **Kebusol-Primer BIII** it forms an effective corrosion protection system for steel pipes and fittings.

STRUCTURE
- Kebusol-Primer BIII
- 1- or 2-layer Bitumen-Tape GW

Modified bitumen
Glass fabric
Modified bitumen

COATING
The **Kebu Bitumen-Tape GW** 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
Kebusol-Primer BIII in Containers of 1 l / 5 l / 10 l

	Length of roll [m]	Width of roll [mm]
Kebu Bitumen-Tape GW	10	100
	10	150
	10	200
	10	250

Standard classification:
DIN EN 12068 – B 30,
DIN 30672 – B 30

DIN-DVGW-Reg.-Nr.: NV-5180BN0481

COMPLEMENTARY PRODUCT
Kebu Rockshield: Additional mechanical protection (non-woven PP) for coated pipes and valves or for buried plastic.

Preserving **values.**

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PROPERTIES

Property	Unit	Typical values
Impact resistance	J	≥ 8
Indentation resistance Residual layer thickness at 23 °C	mm	≥ 0,6
Specific electric insulation resistance	$\Omega*m^2$	≥ 10^9
Cathodic disbondment at 23 °C	mm	≤ 15
Peel strength - On pipe surface - On PE factory coating - On EP factory coating	N/mm N/mm N/mm	≥ 1,0 ≥ 1,0 ≥ 1,0
Lap sheer strength	N/mm^2	≥ 0,1
Number of layers	-	1
Coating thickness	mm	≈ 4

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.

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 GW 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 singe 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.

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