Kebu Bitumen-Tape GW/HT
PRODUCT DATA SHEET

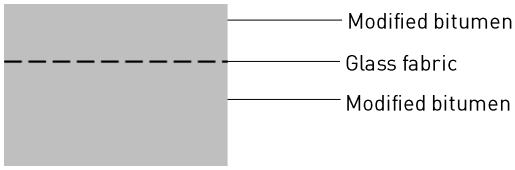
- Hot-applied corrosion protection tape
- Modified bitumen
- High softening point
- Low breaking point
- Max. operating temperature: 40 °C

Kebu Bitumen-Tape GW/HT is a hot-applied corrosion protection tape in accordance with DIN EN 10300 at a maximum operating temperature of 40 °C.

Kebu Bitumen-Tape GW/HT is suitable for post-wrapping of factory-wrapped pipes or pipe fittings as well as for wrapping of large-diameter pipes and vessels and complies with the scope of application specified in DIN EN 10300, Annex J7. The coating of large-diameter pipes and containers must be double-layered in accordance with DIN EN 10300, Annex P6. Together with the liquid adhesive Kebusol-Primer HT it forms an effective corrosion protection system.

STRUCTURE

- Kebusol-Primer HT
- 1- or 2-layers Bitumen-Tape GW/HT



COATING

The Kebu Bitumen-Tape GW/HT 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 HT in Containers of 1 l / 5 l / 10 l

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

COMPLEMENTARY PRODUCT

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

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PROPERTIES

Property	Unit	Typical values
Impact resistance	J	≥ 8
Indentation resistance Residual layer thickness at 23 °C	mm	≥ 0,6
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

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 HT 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/HT 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 PE Foil 0.25 or Kebulen PE Foil 0.40.

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 the recipient. In all other respects our general terms and conditions shall apply.
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