



# Esha STICK TUB

SELF-ADHESIVE ELASTOMERIC BITUMINOUS WATERPROOFING TAPE WITH LDPE FILM TOP COVER

Ideal for waterproofing and anti-corrosive protection of underground tubes!

### GENERAL DESCRIPTION

**EshaStick TUB** is an elastomeric bituminous waterproofing self-adhesive tape of advanced-technology. It is produced from SBS modified bitumen which exhibits impressive elasticity even at very low temperatures (-30° C), and special additives that give the tape self-adhesive properties, hence the ability to stick very easily to a suitably prepared substrate without the need of a torch. Its top cover is LDPE film with high strength and elasticity (acts also as reinforcement) and its bottom cover is a silicone release film. EshaStick TUB is designed for the anti-corrosive and dielectric lining of underground pipes, for the protection of welded steel pipe joints and for the sealing/bonding of membrane joints. T should only be used in applications where no sunlight is present, since its top cover is non UV-resistant.



### CHARACTERISTICS/ADVANTAGES

- Excellent adhesion to rigid and smooth pre-primed surfaces.
- Quick and easy application, with contained application cost
- Being cold-applied and installed without the use of naked flames **EshaStick TUB** offers higher safety level on the job.
- Excellent elasticity.
- High working temperature range (- 30 °C to 80 °C)
- High resistance to ageing
- Offered in a large variety of widths

### NORMS/CERTIFICATIONS

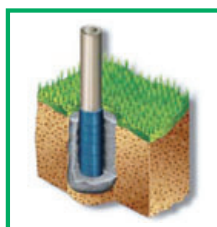
*For all available certificates and certifications please contact Esha Sales Department.*

### STORAGE

**EshaStick TUB** should be stored in its original package, protected from direct sunlight, rain, snow and ice.

### APPLICATIONS

- Joints sealing between different materials (e.g. metal pipes with concrete walls, gypsum boards with other construction materials, glasses with metal frames, etc.)
- Construction joints or cracks between same or different construction materials (e.g. concrete, metal, walls, wood, etc.)
- Repair of water tanks, wells, underground structures, etc.
- Protection and waterproofing of underground metal and concrete pipes
- Joints sealing in prefabricated structures
- Joint Sealing in automotive sector (caravans, cars, trucks)
- Joints sealing in marine & cargo boats





### STICK TUB

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#### APPLICATION PROCEDURE

- Surface should be smooth, dry and dust free, clean from oil, rust and foreign matter.
- Prime the surface (especially if it is porous) with **EshaStick Primer** (0,5 kg/m<sup>2</sup>) or **EshaPrimer 21** (0,3 kg/m<sup>2</sup>). Primer is cold applied as supplied, by brush, roller or spray gun and is allowed to dry.
- Use a knife or scissors to cut the tape in proper dimensions.
- Remove the silicone release film that covers the adhesive compound's bottom surface.
- For application on flat surfaces:  
Press the tape with a roller or a cloth pad starting from its centre towards its edges, in order to avoid trapping air bubbles under its surface. The tape edges should cover the joint/crack at least 3 cm from both sides.
- For application on underground pipes:  
Roll around the pipe applying constant pressure and pull until wrinkle-free. Overlap forming a spiral for 50% until thickness of lining is double of the tape thickness.
- At temperatures below 5° C, **EshaStick TUB** adhesion properties are enhanced by gently heating its tacky surface with a hot-air gun or torch.
- The tape must be protected from UV rays within a few months after application.

#### Application Notes

- Application temperature should be higher than 5° C.

*For more information please contact the Esha Sales Department.*

#### TECHNICAL CHARACTERISTICS

<b>BITUMINOUS COMPOUND</b>	Elastomeric self-adhesive bituminous compound
<b>TOP SURFACE FINISH</b>	LDPE film of thickness 130 μ
<b>BOTTOM SURFACE FINISH</b>	Silicone release paper
<b>REINFORCEMENT</b>	-
<b>THICKNESS</b> UNI 8202	1,5 mm
Compound thickness	1,37 mm
Adhesion to steel ASTM D 1000	> 250 N
Dielectric resistance UNI 4291	13,347 kV / mm
Compression resistance DIN 30672/1	1,6 mm
Tensile strength DIN 30672/1	39 N / 10 mm
Elongation at break DIN 30672/1	450%
Operating temperature range	- 30 °C / + 80 °C
Application temperature range	+5 °C / + 45 °C
Inflammability classification DIN 4102	B2
Reaction to fire EN 11925 - 2, EN 13501-1	E
Roll length	10 m
Standard roll width	10, 15, 20 cm

*Tolerances in the nominal values are in accordance with respective standards.  
Producer reserves the right to modify the properties of his products.*

*The information contained in this leaflet is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. According to the care taken and the method of application, upon which we have no influence, the values are subject to divergence. Therefore for best results, prior to use, an application test should be made by the user under his own processing conditions.*

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EN ISO 9001:2008  
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EN ISO 14001:2004  
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