



## **Esha** ESHALAS

**PREFABRICATED, SELF-ADHESIVE, COLD APPLIED BITUMEN-POLYMER SEALING & CONNECTION STRIP**

### GENERAL DESCRIPTION

**ESHALAS** is an elasto-plastic jointing strip made of bitumen modified with «SBR» type thermoplastic elastomers, extruded, preformed and industrially prefabricated, self-adhesive, cold applied, ready for use.

**ESHALAS** is a strip of modified bitumen, industrially preformed, designed and developed to ensure maximum continuity, adhesion and elasticity between discretely connected road surface elements - Asphalt layers, concrete elements, steel jointing expansions and settling, in order to avoid cracks forming.

Its special formula prevents all forms of undesired and corroding plant growth in the asphalt layer.

### TYPICAL APPLICATIONS

**ESHALAS** strip can be used as a:

- Connecting piece between the different elements the edges of which form discontinuity of the road surface: - between asphalt layer and concrete elements - between the asphalt layer and the borders of functional elements such as sumps and gratings
- Connecting and sealing joints during installation of the bituminous mix road surface



### STORAGE

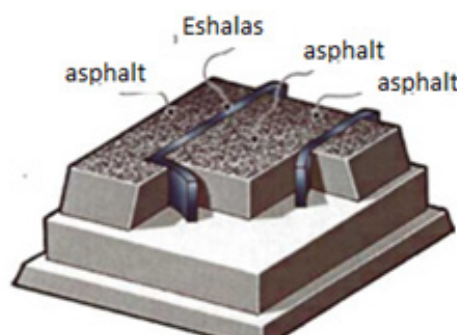
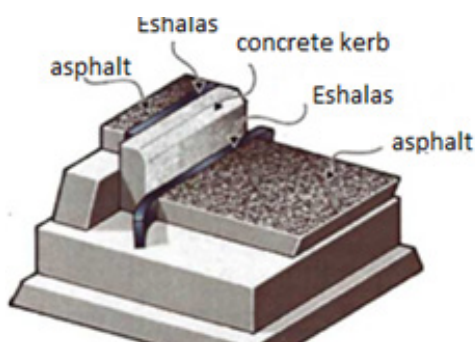
The quality and the characteristics of **ESHALAS** remain unaltered for a very long time. However it is recommended to use the product within 12 months.

**ESHALAS** must be stored in a dry and protected place at temperature between +5°C and +40°C.

### PACKING

Standard length: 10 m  
Standard thickness: 10 mm  
Standard width: 40 mm & 50 mm

The rolls are packed in shrink-wrap, placed in boxes and loaded on pallets. No. rolls per Box: 2





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### INSTRUCTIONS FOR USE

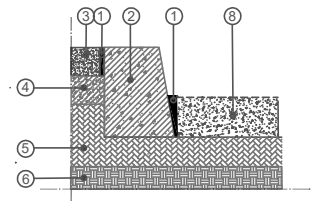
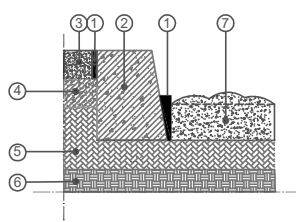
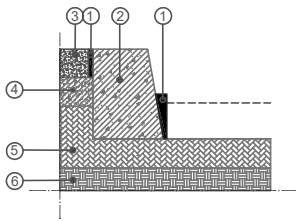
Installation of **ESHALAS** is quite simple. The surfaces involved must be smooth dry, degreased and free from dust or foreign matter and humidity. **ESHALAS** strip is bonded between the vertical faces of the joint.

In case of bonding existing asphalt or concrete structures, these should first be cut to provide a clean straight edge.

Select the profile, taking into account that **ESHALAS** strip must be fitted vertically on the joint's sidewall

and must be about 10 mm higher than the upper surface of the layer to be installed. For instance, if a 30 mm thick finished top surface is expected, the **ESHALAS** profile must be at least 40 mm high.

Secure the strip to vertical face by firmly pressing into place. When the temperature drops below 15° C, the application might be assisted by heating the substrate to improve adhesion. It is not recommended to heat the **ESHALAS**.



**MEMO:**

- 1. ESHALAS
- 2. CONCRETE CURB
- 3. ASPHALT SIDEWALK
- 4. CONCRETE
- 5. COMPRESSED SOIL 3A
- 6. GROUND SOIL
- 7. ASPHALT PAVEMENT UNCOMPRESSED
- 8. ASPHALT PAVEMENT COMPRESSED

### TECHNICAL CHARACTERISTICS

Properties	Value	Method
<b>Thickness</b>	10 mm	
<b>Softening Point</b>	> 120°C	EN 1427
<b>Density (25°C)</b>	1.3± 5% Kg/m <sup>3</sup>	EN 13880-1
<b>Cone Penetration (25°C)</b>	22 ± 2 dmm	EN 13880-2
<b>Flow Resistance at 60°C</b>	0 mm	EN 13880-5
<b>Adhesion to concrete</b>	76.2 ± 5.5 N/cm <sup>2</sup>	DIN 1996-19
<b>Plasticity/ Impact strength</b>	75 % ± 5 %	DIN 1996-19
<b>Hardness (shore A)</b>	70	ASTM D 2240

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 9001:2015 EN ISO 14001:2015