



Esha EPOXYTAR-H

TWO COMPONENT PITCH-TAR EPOXY PAINT

GENERAL DESCRIPTION - USES

ESHAPOXYTAR is a two part pitch-tar epoxy coating with anticorrosive, antirust and waterproofing properties. It can be applied to metal and concrete surfaces. It forms a black, hard surface, resistant to acid and alkali solutions, saline water, petroleum products etc. A non-slip finish can be achieved when hard siliceous or basalt aggregate chips are sprinkled while the surface is still wet.

ESHAPOXYTAR can be used for:

- Metal surfaces for anticorrosive, rustproofing and waterproofing protection
- Concrete surfaces for waterproofing protection
- Concrete walls and floors
- Asbestos cement elements
- Concrete and Metal Reservoirs
- Biological treatment of water waste
- Sewage piping



INSTRUCTION OF USE

SURFACE PREPARATION

The substrate should be clean, dry and free from dust, oil, grease, or any loose material.

Loose parts or rust on metal surfaces must be mechanically removed. In special cases where surface oxidation persists, sand-blast is highly recommended.

In case of cracks remove all dust from concrete using compressed air.

MATERIAL PREPARATION

Mix both components A and B, and stir mechanically until the complete homogenization of the mixture. Stirring is continued for 3-4 min after the homogenization of the mixture is achieved. The time interval between mixing and application must not exceed 1 hour.

The second and third layer is applied at least 12 hours but not more than 24 hours before the previous layer was applied.

Polymerization completes within 7 days. Coated floors can be used for light traffic after 48 hours of the application.

APPLICATION

ESHAPOXYTAR should not be applied when ambient temperature is less than 5°C. It is applied by brush, roller or spray gun. If it is necessary **ESHAPOXYTAR** can be diluted with organic solvent.

For an anti-skid finish on the surface, hard siliceous sand is sprinkled onto the surface. After curing, the excess of sand or aggregate is removed.

PRECAUTIONS

Causes severe skin burns and eye damage. May cause cancer. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid release to the environment. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Dispose of contents/container in accordance with local/regional/national/international/ regulations.

For analytical information please refer to the material's MSDS



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CONSUMPTION

- Metal Surfaces: 40 - 60 g/m² per coat
- Concrete Surfaces: 250 - 400 g/m² per coat

PACKAGING

In two containers with total weight (A+B) 10Kg.

STORAGE

Store in dry, protected places at temperature higher than 5°C. It is preserved for at least for 12 months in its tightly closed containers.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	UNIT	PERFORMANCE
Color	(-)	Black
Pull out strength on metal surface (ASTM D-4541)	N/mm ²	≥ 1.2
Special Gravity at 25 °C	g/cm ³	1,20
Pot Life (100g, 20°C)	min	60-120
Minimum Hardening temperature	°C	5

CHEMICAL RESISTANCE (AT 25°C)	24 HOURS	48 HOURS	7 DAYS	30 DAYS
HCl 10%	+	+	+	+
HNO ₃ 10%	+	+	+	±
H ₂ SO ₄ 10%	+	+	+	±
CH ₃ COOH 5%	+	+	+	±
Citric acid 5%	+	+	+	+
Lactic acid 5%	+	+	+	±
NaOH 30%	+	+	+	±
Sugar solution	+	+	+	+
Detergents	+	+	+	+
Brake liquid	+	+	+	+
Kerosene	+	+	+	+
Iso-propyl alcohol	+	+	+	±
Sea water	+	+	+	+

+ : not affected
 - : affected
 ± : moderate affection

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 EN ISO 14001:2004