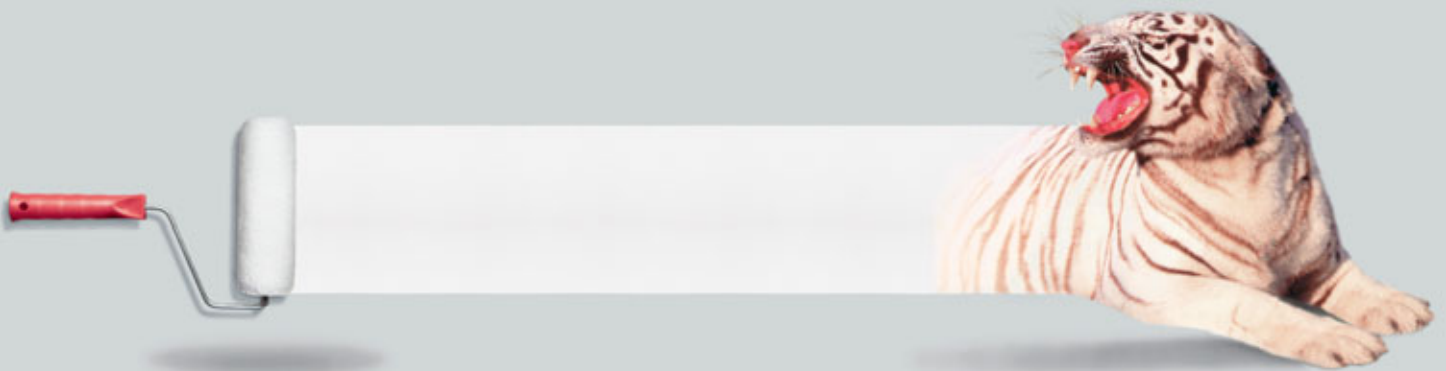# Elastic and Beautiful!

- Perfect Adhesion and Easy Application
- Highly Resistant to Extreme Weathering and UV Radiation
- Water Soluble
- User Friendly

Esha
Esha Acrycoat

WATERPROOFING ELASTIC ACRYLIC COATING

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GENERAL DESCRIPTION

ESHA-ACRYCOAT is a high performance elastic waterproofing acrylic coating. Its final membrane is uniform, highly elastic-with the ability to be deformed more than 400% and follow substrate expansion without rupture-does not shrink and retains its elasticity in extreme temperature variations. It is also vapor permeable, reflective, inflammable, easily cleaned and resistant to aging and UV radiation. ESHA-ACRYCOAT is user-friendly as it does not contain organic solvents and is diluted with water.

APPLICATIONS

ESHA-ACRYCOAT is used alone, or reinforced in situ with glass mat, for waterproofing concrete, mosaic, paving slabs, plaster, asbestos-cement, old bitumen and polyurethane hard foam surfaces.
It can be applied on dry, or even slightly moistured, horizontal (1) and vertical surfaces.
It shows excellent adhesion to most common structural elements.

INSTRUCTIONS FOR USE

• **Surface Preparation**
Surfaces should be regular, dust free, clean from oils and foreign matter.

• **Application**
It is cold applied in at least two layers by roller (2), spray gun (3), or brush. Each new layer is applied in a criss-cross pattern with respect to the previous one, when the latter is dry. Reinforcement (e.g. glass mat, glass fiber) may be used between two successive layers to increase the mechanical properties of the final film. ESHA-ACRYCOAT must not be applied when the temperature is below 5^{0}C. Tools are cleaned with water before the material has dried or by mechanical means in case it has already dried.

• **Consumption**
In the first layer (priming) ESHA-ACRYCOAT is diluted with water up to 50%. In subsequent layers it slightly diluted (5%-10%) with water. In both cases consumption is between 0.35 - 0.50 kg/m^2 per layer, depending on surface type and porosity. For very smooth or non-absorbing surfaces it is recommended to prime the surface with ESHAPRIMER 21 (0.15-0.25 kg/m^2).

1
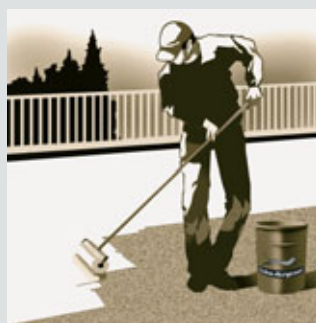
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3

PRECAUTIONS

• In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
• It should not be disposed to the ground but should be treated according to the relevant regulations.

STORAGE

Stored in protected areas where temperature is maintained above 0 ^{0}C. Preserved in sealed containers for over a year.

Packaging
pails of 15 kg

TECHNICAL CHARACTERISTICS

	PROPERTIES	NOMINAL VALUE	TEST METHOD
General Properties	Appearance	Viscous Liquid	Observation
	Color	White	Observation
	Density	1.45 ± 0.05 g/cm³	ASTM D-1475
	Non Volatile Matter (NVM)	> 60 %	By evaporation
	Uniformity after 72 h at 23 °C	No water separation or settlement after moderate stirring	ASTM D-2824
	Consistency	Good application by spray, roller or brush above 10 °C	ASTM D-2824
Dry Film Properties	Water Permeability 3 atm, 24 h	0.0 gr	DIN 1048
	Resistance to ponding water after 7 days	No difference	ASTM D-870
	Bending Test, Φ 2 mm	No cracks	ASTM D-522
	Tensile Strength, film 2 mm	> 20 N	ASTM D-412
	Elongation at break	> 400 %	ASTM D-412

Tolerances in the nominal values are in accordance with respective standards.

ESHA-ACRYCOAT is a viscous aqueous emulsion in its initial form. After application, it forms an elastic membrane, insoluble in water, withstanding temperature variations from -30 °C to 100 °C. It is not affected by detergents, weak acid and alkali solutions. It is affected by organic solvents.

Directions given on or in the packages or containers will always prevail.

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 in his own environment.

Company Certified by

EN ISO 9001:2000
EN ISO 14001:2004

Member of

**Ultimate protection
just like nature!**