



Rostex Super Akva - Metal Primer - Anti-corrosion primer

DESCRIPTION

Waterborne, quick-drying anti-corrosion primer containing special binder.

PRODUCT

For zinc-coated, steel- and roughened aluminium surfaces. Also suitable for use on copper, brass and stainless steel. Can be used only as a primer under water-borne paints (e.g. Panssari Akva and Luja).

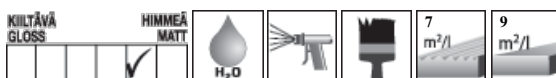
FEATURES

RECOMMENDED USES

Metal-sheeted roofs, water channels, cinder sheets, other interior or exterior metal structures.



TECHNICAL DATA



Colour Range

Light grey, dark grey

Gloss grade

Matt

Coverage

7-9 m²/l [60 µm(micrometer) dry film]

Can sizes

1/3 l, 1 l, 3 l, 10 l.

Thinner

Water

Application method

Brush or spray.

Airless spray:

- Nozzle 0.11"-0.015" or 0.280-0.380 mm

- Thinning 0-10%

Drying time at 23°C
and 50% relative air
humidity

Dry film thickness 80 µm

+5°C / 80 %

+23°C / 50 %

Dust dry

not to be painted

30 min.

Touch dry

not to be painted

2 hrs

Recoat able

not to be painted

4 hrs

Recoat able with waterborne paints the same day after 4 hours, if the air temperature is at least +10°C and the relative humidity below 80 %. In other cases recoat able the following day.

Chemical resistance

Resists Methylated Spirit. Does not resist White Spirit or strong solvents, e.g. Thinner.

Oil and grease
resistance

Good

Wear resistance

Good

Solids volume

37 %

Density

Approx. 1.2 kg/l, ISO 2811

Storage

Protect from frost!

Product code

006_5621/2

APPLICATION DETAILS

Application
conditions

The surface to be painted must be dry and warmer than the surrounding air, the temperature of the air at least +10 °C, and the relative humidity of the air below 80 %. The product is recoatable with water-borne paints the same day after 4 hours if the temperature of the air is at least +10 °C and the relative humidity of the air below 80 %. In other cases to be recoated the following day.

The temperature of the painted surface may not exceed +40 °C, because otherwise the water in the product evaporates too quickly and porosity, weakening of adhesion, blistering etc. will occur.

Plan the painting work so that evening dew does not wet the surface when it is drying.

Preparation

Unpainted surfaces:

Clean water soluble white rust protective agent, dirt, water soluble salts, oil and grease from unpainted surfaces with Panssaripesu Roof Cleaning Agent and brush. Rinse thoroughly with water and allow to dry. Remove white rust/rust by grinding or wire brushing, steel surfaces to preparation grade St2. Roughen aluminium surfaces.

New zinc-coated sheet metal roof is recommended to be painted earliest after one winter. Best adhesion is achieved to already faded, mechanically or chemically roughened zinc-coated surface.

Previously painted surfaces:

Wash down the surface with Panssaripesu Roof Cleaning Agent and brush, rinse carefully with water and allow to dry. Remove loose



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paint and rust from previously treated surfaces by scraping or wire brushing (steel surfaces to St2). Grind the border of the cleaned and solid paint area to ensure the adhesion of the finish. Sand matt those areas of old paint surface that will be painted.

Painting	Stir the paint well before use. Apply with brush or spray. The dry film thickness of a single coat should be 60-80 µm. Pay attention to angles and folds on metal surfaces, the dry film thickness should be the same on these parts. Rostex Super Akva is applied on bare metal surfaces. Use water-borne Panssari Akva or, e.g. Luja in interior rooms as a topcoat. Avoid painting in hot sun light, because the paint dries too quickly and does not stabilize enough.
Cleaning of tools	Clean tools with water or with Tikkurila Pensselipesu Tool Cleaner.
Maintenance instructions	The painted surfaces must be handled with care, because the paint will achieve its final hardness and durability in approx. 2 weeks under normal conditions. Soon after the treatment the surface can be cleaned lightly with a soft brush, damp cleaning cloth or mop. At the earliest 1 month after painting, dirty surfaces can be cleaned with Tikkurila Huoltopesu (1 part Huoltopesu, 10 parts water). Clean stains and very dirty surfaces with a stronger solution of Huoltopesu (1:1). After washing rinse surfaces and allow to dry.
EU VOC 2004/42/EC-limit value	(cat A/i) 140/l(2010). Rostex Super Akva contains VOC max. 140 g/l.
HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008	Contains: Zinc phosphate and zinc oxide. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. Do not empty into drains. Keep out of the reach of children. A Safety Data Sheet is available at request. Safety data sheet
ENVIRONMENTAL and WASTE DISPOSAL	Avoid spillage into drains, water systems and soil. Recycle empty, dry cans or dispose them of in accordance with local regulations. Destroy liquid waste according to the local regulations for hazardous waste.
TRANSPORT	ADR not classified

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The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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