



TIKKURILA

# ROSTEX SUPER AKVA

METAL PRIMER / MATT

## DESCRIPTION

Special water-borne anti-corrosive primer which contains active anticorrosive pigments. Dries even in low temperatures like 3 deg. For water-borne finishing coats.

## RECOMMENDED USES

Sheet metal roofs, water channels and other interior or exterior metal structures.

## PRODUCT FEATURES

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





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### TECHNICAL DATA

<b>Colour Shades</b>	Ready made shades light grey and dark grey
<b>Gloss</b>	Matt.
<b>Coverage</b>	7–9 m <sup>2</sup> /l (60 µm dry film)
<b>Can sizes</b>	0.333 l, 1 l, 3 l, 10 l
<b>Thinner</b>	Use unthinned.
<b>Application method</b>	Brush or spray. Recommended brush: T6 or a corresponding soft brush. Airless spray: Nozzle 0.011–0.015" or 0.280–0.380 mm – thinning 0–10%.
<b>Drying time</b>	Recoatable with water-borne paint in 4 hours on the same day, provided that the temperature is at least +10 °C and relative air humidity at most 80%. In other cases, recoatable on the next day.
<b>Density (kg/l)</b>	Approx. 1.2 kg/l, ISO 2811
<b>Chemical resistance</b>	Withstands methylated spirit. Not resistant to white spirit or strong solvents such as thinner. Good oil and grease resistance.
<b>Abrasion resistance</b>	Good
<b>Volume solids (%)</b>	44
<b>VOC</b>	EU VOC limit value (cat A/i) 140g/l(2010). Rostex Super Akva contains VOC max. 140 g/l.
<b>Storage</b>	Protect from frost.

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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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be painted must be dry and warmer than the surrounding air, the temperature at least + 3°C and the relative humidity of the air below 80%. The temperature of the painted surface may not exceed +40 °C, or the water in the product will evaporate too quickly, forming pores on the painted surface, weakening adhesion, raising blisters, etc. Plan the painting so that the evening dew will not wet the surface when it is drying.

### Surface preparation

Unpainted surfaces:

Remove any water-soluble white rust inhibiting agents, dirt, water-soluble salts, greases and oils from the surface with Panssaripesu detergent and a brush. Rinse thoroughly with water and allow to dry. Remove white rust/rust by grinding or wire brushing steel surfaces to the bare metal (preparation grade St2). Roughen aluminum surfaces.

New zinc-coated sheet metal roofs should be painted after one winter at the earliest. The best adhesion will be achieved on a mechanically or chemically roughened zinc-coated surface that has been dimmed by the weather.

Previously painted surfaces: Wash the surfaces with Panssaripesu detergent and a brush, rinse carefully with water and allow to dry. Remove any loose paint and rust with a scraper and wire brush to the bare metal (preparation grade St2). Grind the border between the cleaned area and solid paint smooth to ensure the adhesion of the finishing coat. Sand to a matte finish the parts of the old painted surface that will be primed with Rostex Super Akva.

### Application

Stir Rostex Super Akva well before use. Apply with a brush or spray gun. The recommended dry-film thickness of a single coat is 60–80 µm. Pay attention to the angles and folds on metal surfaces, as the dry film thickness should stay uniform on these parts. Rostex Super Akva is primarily intended for bare metal surfaces and can be finished with water-borne Panssari Akva or, on interior surfaces, with a paint such as Luja. Avoid painting in hot sunlight, because the paint will dry too quickly and not stabilize sufficiently.

### Cleaning of tools

Clean tools with water or Tikkurila Pensselipesu (Tool Cleaner).

### Maintenance instructions

Handle the painted surface with care, as the product reaches its final hardness and durability in about two weeks under normal conditions. If a surface needs cleaning soon after treatment, use a soft brush, a damp cloth or a mop. After one month from painting, a dirty surface can be cleaned with Talon Huoltipesu (mix 1 part of Talon Huoltipesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger Talon Huoltipesu solution (1:1). After washing, rinse the surfaces and allow to dry.

### Environmental protection and waste disposal

Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

### Health and Safety

Wear protective gloves. Contains 2,4,7,9-Tetramethyldec-5-yne-4,7-diol, 1,2-benzisothiazol-3(2H)-one (BIT) and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)).

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