



TIKKURILA

# ACOUSTICS

## WATER-BORNE NOISE-DAMPING COATING

### DESCRIPTION

A one-component water-borne, functional, noise-damping coating for airless application.

### RECOMMENDED USES

Recommended to be used on the lower surfaces of steel roofing sheets, on metal surfaces in vehicles and railway cars, ventilation ducts and other metal surfaces where vibration and noise problem occurs.

### PRODUCT FEATURES

Suitable to be used on interior and sheltered outdoors surfaces only. Excellent acoustic damping and vibration absorbing properties. Forms a flexible and porous coating. Prevents condensation. Complies with the requirements of EN13501-1, class A2-s1d0. Noise reduction: Tan Delta (combined) 0,116 (VTT-CR-00259-15, test report available upon request).

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<b>TECHNICAL DATA</b>	
<b>Colour Shades</b>	Grey.
<b>Gloss</b>	Matt. (5/RT classification)
<b>Coverage</b>	Spreading rate is affected by the painting method and conditions, both the shape of the structure to be painted and the surface quality.  Recommended film thicknesses: Dry 450 µm (600 g/m <sup>2</sup> ), wet 900 µm (1200 g/m <sup>2</sup> ) – theoretical coverage 1,1 m <sup>2</sup> /l Dry 1359 µm (1800 g/ m <sup>2</sup> ), wet 2700 µm (3600 g/m <sup>2</sup> ) – theoretical coverage 0,4 m <sup>2</sup> /l
<b>Can sizes</b>	18 l, 100 l
<b>Thinner</b>	Water
<b>Application method</b>	Airless spraying. Nozzle 0.035"-0.039" and pressure 150-180 bar. Rolling and brushing only where spraying is not possible.
<b>Drying time</b>	The film thickness, temperature, proportionate air humidity and ventilation have an effect on the drying and the film formation.
<b>Density (kg/l)</b>	1.3 kg/l
<b>Volume solids (%)</b>	50
<b>VOC</b>	Acustics contains VOC max. 15g/l. Industrial and professional use only!
<b>Storage</b>	Must be protected from frost. Store in a dry and cool place, protected from sunlight. Close the can carefully for the next use. The opened container does not withstand long-term storage.

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

All surfaces must be dry before painting. The temperature of the ambient air and surface should not fall below +10°C and the relative humidity of the air should be under 80% during application and drying. The surface temperature of the surface should remain at least 3°C above the dew point. The temperature of paint itself should be above +15°C for proper application. Good ventilation is required in confined areas during application and drying.

### Surface preparation

Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

#### Aluminium surfaces:

Sweep blast-clean with mineral abrasives (SaS) to an even roughness. The blasting material should be non-metallic. (SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with MAALIPESU CLEANING AGENT detergent.

#### Zinc surfaces:

Sweep blast-clean with mineral abrasives (SaS) to an even roughness. For blasting material, use e.g. clean, dry quartz sand. (SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with MAALIPESU CLEANING AGENT detergent.

#### Primed surfaces:

Industrial backing coat steel slim at the back of boards doesn't need any special priming. Oil, grease, salts and dirt are removed by appropriate means. The priming damages can be fixed by Temaprime EE or Rostex Super. Note the overcoating time of primer. (SFS-EN ISO 12944-4)

#### Stainless steel:

Roughen the surface by grinding or sweep blasting. Use non-metallic abrasives.

### Priming

Temaprime EE, Temacoat RM 40, Temacoat Primer, Temacoat GPL-S Primer, Roster Super Akva and Rostex Super or directly on galvanized surface. Old painted surfaces are recommended to roughen to ensure adhesion.

### Painting

By airless spray or when not possible by brush or roller. Mix the paint thoroughly before use.

The paint can be thinned 0–5% by volume if necessary. Spray nozzle tip 0.035"–0.039" and nozzle pressure 150–180 bar.

### Coating

Airless spraying. Nozzle 0.035"-0.039" and pressure 150-180 bar. Can be diluted by water 0-5 volume %. Rolling and brushing only where spraying is not possible.

### Note

Only for industrial and professional use!

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## Cleaning of tools

Remove excess paint from tools and wash with water.

## Maintenance treatment

Cannot be painted over by other products, the surface will then lose its special properties.

## Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. 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

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves. Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)) and 2-octyl-2H-isothiazol-3-one (OIT). 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-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)).