



## Acoustics - Water-borne noise-damping coating

Description	A one-component water-borne, functional, noise-damping coating for airless application.
Product features	Suitable to be used on interior and sheltered surfaces only.
Recommended uses	Recommended to be used on steel roofing sheets, metal surfaces in vehicles and railway cars, ventilation ducts and other metal surfaces where vibration and noise problem occurs.



### TECHNICAL DATA



Features	Excellent acoustic damping and vibration absorbing properties. Forms very elastic and porous coating layer. Prevents from condensation. Complies with the requirements of EN13501-1, class A2-s1d0.
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Colour Range White and grey.

Gloss grade Matt

Recommended film thickness		Theoretical coverage
dry	wet	
600 g/m <sup>2</sup>	1200 g/m <sup>2</sup>	1,1 m <sup>2</sup> /l
450 µm	900 µm	
1800 g/m <sup>2</sup>	3600 g/m <sup>2</sup>	0,4 m <sup>2</sup> /l
1350 µm	2700 µm	

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

18 l, 100 l.

Can sizes

Thinner

Water

Application method

By airless spray or when not possible by brush or roller.

Drying times

Through dry	+20°C / RH 55%	+50°C, kiertoilma
WFT 1200 g/m <sup>2</sup>	8–10 h	4 h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Special feature Noise damping: T an Delta (combined) 0,116 (VTT-CR-00259-15, test report available on request)



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Solids volume	50%.
Density	1.3 kg/l
Product code	006 5129, 006 5130

### APPLICATION DETAILS

#### Application conditions

All surfaces must be dry. The temperature of the ambient air and surface should not fall below +10°C during application and drying. Relative humidity should not exceed 80%. The surface temperature of the steel 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.

#### Preparation

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

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

Zinc and aluzinc surfaces: Sweep blast-clean with mineral abrasives, e.g. quartz sand, to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with PANSSARIPESU detergent.

Primed surfaces: Industrial coil primer on the backside of the steel roofing sheets does not require any special preparation. Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat with Temaprime EE or Rostex Super. Note the overcoating time of primer. (ISO 12944-4)

#### Priming

Stainless steel: Roughen the surface by grinding or sweep blasting using non-metallic abrasives.

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

#### Application

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.

#### Finishing

Do not overcoat with any other type of coating as it causes loss of condensation protection properties.

#### EU VOC 2004/42/EC-limit value

The Volatile Organic Compounds amount is 15 g/litre of paint mixture.

### HEALTH AND SAFETY LABELLING

according to Regulation (EC) No. 1272/2008

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 [Safety data sheet](#)

### ENVIRONMENTAL and WASTE

Containers are provided with safety labels, which should be observed. Further



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### DISPOSAL

information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oyj. Only for industrial and professional use.

### TRANSPORT

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