

Acoustics

PRODUCT DETAILS

DESCRIPTION

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

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Excellent acoustic damping and vibration absorbing properties.
- ◆ Forms very elastic and strong film.
- ◆ 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.
- ◆ Suitable to be used on interior and sheltered surfaces only.
- ◆ Prevents from condensation.
- ◆ Complies with the requirements of EN13501-1, class A2-s1d0.
- ◆ Resistant against fire and spreading of flames.

TECHNICAL DATA

Weight solids

50%

Specific gravity

1.3 kg/l

Noise damping

Tan Delta (combined) 0,116 (VTT-CR-00259-15, test report available on request)

Product codes

006 5129, 006 5130

Recommended film thicknesses and theoretical coverage

| Recommended film thickness | | Theoretical coverage |
|----------------------------|-----------------------|-----------------------|
| dry | wet | |
| 600 g/m ² | 1200 g/m ² | 1.1 m ² /l |
| 450 µm | 900 µm | |
| 1800 g/m ² | 3600 g/m ² | 0.4 m ² /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.

Drying times

| Through dry | +20°C / 55% | +50°C, recirculating air |
|---------------------------|-------------|--------------------------|
| WFT 1200 g/m ² | 8–10 h | 4 h |

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

Finish

Matt.

Colors

White and grey.

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APPLICATION DETAILS

| | |
|-------------------------------|---|
| Surface preparation | <p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Aluminium surfaces:</u> 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.</p> <p><u>Zinc and aluzinc surfaces:</u> 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.</p> <p><u>Primed surfaces:</u> 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 similar product. Note the overcoating time of primer. (ISO 12944-4)</p> <p><u>Stainless steel:</u> Roughen the surface by grinding or sweep blasting using non-metallic abrasives.</p> |
| Primer | <p>Temaprime EE, Temacoat RM 40, Temacoat Primer, Temacoat GPL-S Primer, Rostex Super Akva and Rostex Super or directly on galvanized surface.</p> <p>Old painted surfaces are recommended to roughen to ensure adhesion.</p> |
| Finish | <p>Do not overcoat with any other type of coating as it causes loss of condensation protection properties.</p> |
| Application conditions | <p>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.</p> <p>The temperature of paint itself should be above +15°C for proper application. Good ventilation is required in confined areas during application and drying.</p> |
| Application | <p>By airless spray or when not possible by brush or roller. Mix the paint thoroughly before use.</p> <p>The paint can be thinned 0–5% by volume if necessary. Spray nozzle tip 0.035"–0.039" and nozzle pressure 150–180 bar.</p> |
| Thinner | <p>Water.</p> |
| Cleaning of equipment | <p>Water.</p> |
| VOC | <p>The Volatile Organic Compounds amount is 15 g/litre of paint mixture. Only for industrial and professional use.</p> |
| HEALTH AND SAFETY | <p>Containers are provided with safety labels, which should be observed. Further 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.</p> |

Miiik260115/tmk260115/006 5129, 5130

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.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.