

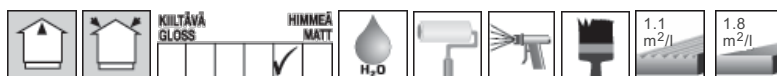


GrafoTherm - Functional anti-condensation coating

Description	A one-component, water-borne, functional, anti-condensation coating for airless application.
Product features	Suitable for interiorpainting of mineral walls and ceilings, such as concrete, plaster, bricks etc.
Recommended uses	Recommended to be used on site for steel roofing sheets, steel structures and other metal surfaces where condensation and dripping water problem occurs.



TECHNICAL DATA



Features	<p>Excellent moisture absorbing and evaporation properties.</p> <p>Prevents from condensation and dripping water, insulates from heat ($\lambda = 0.085$ W/mK).</p> <p>Forms very elastic and porous coating layer.</p> <p>Provides also vibration and acoustic damping when applied as a thick layer.</p> <p>Complies with the requirements of EN13501-1, class A2-s1d0 and ASTM E84 (USA).</p> <p>The product has MED (Marine Equipment Directive) certificate no MED-B-10019 and is thus accepted for painting surfaces inside the ships.</p>
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Colour Range White and grey.

Gloss grade Matt

Coverage	Recommended film thickness		Theoretical coverage
	dry	wet	
	190-320 g/m ²	600-1000 g/m ²	1,8-1,1 m ² /l
	250-410 µm	550-900 µm	1,8-1,1 m ² /l

Recommended coverage depends on the ambient conditions like moisture and type of building etc.

See separate Grafotherm Treatment Programme.

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

Can sizes 9 l, 18 l.

Thinner Water

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

Drying times	DFT 320 g/m ²	+20°C, RH 55%
	Touch dry	1—2 h
	Through dry	8—12 h



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	Drying times are related to the film thickness, temperature, the relative humidity of the air and ventilation.
Water absorption	approx. 520 g/m ² of water, 1000 g/m ² WFT (320 g/m ² DFT), (NF P15-203-1 1997)
Solids volume	45±2% by volume, 32±2% by weight
Density	1,1 kg/l
Product code	006 5125, 006 5126

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 surface to be coated 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) 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. Aluminium surfaces: Sweep blast-clean with none-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. Primed surfaces: Industrial coil primer on the backside of the steel roofing does not require any special preparation. 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. Stainless steel: Roughen the surface by grinding or sweep blasting using non-metallic abrasives.
Priming	Temaprime EE, Temacoat RM 40, Temacoat Primer, Temacoat GPL-S Primer, and Rostex Super or directly on galvanized surface (see Surface preparation).
Application	Old painted surfaces are recommended to roughen to ensure adhesion. By airless spray or when not possible by brush or roller. Mix the paint thoroughly before use. At spray application the paint can be thinned 0–5%. Airless spay nozzle tip 0.027”–0.029” or bigger and nozzle pressure 150–180 bar. Spray angle max. 400 . Use a spray unit with an output of minimum 2.7 l/min. If sieves should be used, use a course sieve, e.g. 30–60 mesh.
Finishing	Do not overcoat with any other type of coating as it causes loss of absorbing properties.
Cleaning of tools	Water.
EU VOC 2004/42/EC-limit value	The Volatile Organic Compounds amount to 15 g/litre of paint.



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HEALTH AND SAFETY LABELLING

according to Regulation (EC) No. 1272/2008

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 [Safety data sheet](#)

ENVIRONMENTAL and WASTE DISPOSAL

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. For professional and industrial use only.

TRANSPORT

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