

TEMANYL MS PRIMER

DESCRIPTION

A one component modified vinyl primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Good abrasion, immersion and atmospheric resistance.
- ◆ Suitable for underwater steel, zinc and aluminium structures like ship bottoms etc.
- ◆ Used also as a primer under conventional and selfpolishing antifoulings.
- ◆ Can also be applied at low temperature conditions.
- ◆ Suitable to be used as a primer under vinyl, chlorinated rubber and acrylic topcoats.

TECHNICAL DATA

Volume solids 38 ± 2 %. (ISO 3233)

Weight solids 53 ± 2 %.

Specific gravity 1.1 kg / l

Product code 008 6740

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
60 µm	160 µm	6.3 m ² /l
100 µm	265 µm	3.8 m ² /l

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

Drying times

DFT 80 µm	+ 5 °C	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	2 h	1½ h	1 h	½ h
Recoatable, after	6 h	4 h	3 h	2 h

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

Finish Matt.

Colours Aluminium (reddish aluminium with Temaspeed tinting).

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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>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p><u>Zinc 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 FONTECLEAN ZN detergent.</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 FONTECLEAN AL detergent.</p> <p><u>Primed surfaces:</u> Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat. Note the overcoating time of primer. (ISO 12944-4)</p>
Primer	TEMANYL MS PRIMER, TEMABOND, TEMAZINC 77, TEMAZINC 88 and TEMAZINC 99.
Finish	TEMACRYL AR 50 and TEMACHLOR 40.
Application conditions	The surface has to be dry. The temperature of the ambient air, surface or paint should not fall below - 5 °C during application and drying. During application and drying the relative humidity should not exceed 80 %. The surface temperature should remain at least 3 °C above the dew point.
Application	By spray or brush. Mix the paint thoroughly before use. Depending on the application method the paint can be thinned 0 - 5 %. Airless spray nozzle tip 0.018" - 0.023", spray angle 65° - 80° and nozzle pressure 15 MPa (150 bar).
Thinner	Thinner 1006.
Cleaning of equipment	Thinner 1006.
VOC	The Volatile Organic Compounds amount is 540 g/litre of paint. VOC content of the paint (thinned 5 % by volume) is 557 g/l.
HEALTH AND SAFETY	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 Oy.

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