

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 as a primer under vinyl, chlorinated rubber and acrylic topcoats.

TECHNICAL DATA

Volume solids $38 \pm 2 \%$. (ISO 3233)

Weight solids $53 \pm 2 \%$.

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 time

DFT 80 µm	+ 5 °C	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	2 h	1½ h	1 h	½ h
Recoatable	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 (Temaspeed tinting for reddish aluminium).

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APPLICATION DETAILS

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

<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.

<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 PANSSARIPESU detergent.

<u>Aluminium surfaces:</u> 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.

<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)

Primer TEMANYL MS PRIMER, TEMABOND, TEMAZINC 77 and 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 / 23 °F during application and drying. During application and drying the relative humidity should not exceed 80 %. The surface temperature should remain

at least 3 °C / 38°F 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°, pressure 15 MPa (150 bar).

Thinner Thinner 1006.

Cleaning of equipment Thinner 1006.

VOC The Volatile Organic Compounds amount to 550 ± 20 g/litre of paint.

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 Coatings Oy.

For professional use only.

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