

## TEMACRYL AR PRIMER

**DESCRIPTION** A physically drying, acrylic based primer.

### PRODUCT FEATURES AND RECOMMENDED USES

- ∅ As a primer for acrylate systems for steel, zinc and aluminium surfaces.
- ∅ High film build properties.
- ∅ Can be applied at low temperatures.
- ∅ Recommended especially for painting and patching up surfaces exposed to marine or industrial climate and mild chemical attack, such as bridges, cranes, conveyors, harbour equipment and tank exteriors.
- ∅ Suitable for patching up paintwork damaged during transport or installation in cold conditions.

### TECHNICAL DATA

**Volume solids** 44 ± 2 %.

**Density** 1.2 kg / litre.

**Product codes** 008 5235 - 6.

#### Film thicknesses and theoretical coverage

	Film thickness		Theoretical coverage
	wet	dry	
application range	135 - 180 µm	60 - 80 µm	7.3 - 5.5 m <sup>2</sup> /l
typical	160 µm	70 µm	6.3 m <sup>2</sup> /l

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

#### Drying time

	+ 10 °C	+ 23 °C	+ 35 °C
DFT 70 µm			
Dust dry	½ h	½ h	15 min
Touch dry	2 h	1 h	30 min
Recoatable	4 h	3 h	2 h

**NB!** Thick coats prolongs the drying times.

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

**Thinner** Thinner 1006.

**Cleaning of equipment** Thinner 1006.

**Finish** Matt.

**Colours** Red, grey.

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## APPLICATION DETAILS

### Surface preparation

Remove firm contaminations in order to make the cleaning easier. Remove salts, grease and oil with a suitable detergent. Rinse the surfaces thoroughly with water. (ISO 12944-4)

Steel surfaces: Blast clean at least to grade Sa2 (ISO 8501-1).

Zinc surfaces: Sweep blast-clean with mineral abrasives, e.g. quartz sand, to grade SaS. (SFS 5873). If blast cleaning isn't possible, the surfaces should be roughened by grinding or washed with PANSSARIPESU detergent. In these cases the adhesion of the paint to the substrate should be confirmed.

Aluminium surfaces: Sweep blast-clean with none-metallic abrasives to grade SaS. (SFS 5873). If blast cleaning isn't possible, the surfaces should be roughened by grinding or washed with MAALIPESU detergent. In these cases the adhesion of the paint to the substrate should be confirmed.

Primed surfaces: Remove water soluble salts, oil and grease and other contaminants which may harm coating. Let the surfaces dry and remove dust. Touch up damages in the primer coat. (ISO 12944-4).

### Primer

TEMACRYL AR PRIMER, TEMACRYL AR SEALER, TEMAZINC 77 and 99, TEMASIL 90 and TEMAZINC SP 92.

Before overcoating after exposure in contaminated environment, clean the surface thoroughly by fresh water cleaning and allow to dry.

### Finish

TEMACRYL AR 50.

### Application conditions

All surfaces must be dry. The temperature of the ambient air and surface should not fall below - 10 °C during application or drying. Relative humidity should not exceed 85 %. The surface temperature of the steel should remain at least 3 °C above the dew point.

### Application

By spray or brush. Mix the paint thoroughly before use. Depending of the application method the paint can be thinned 0-10 %. Airless spray tip size 0.015" - 0.021", spray angle chosen according to the shape of the object.

### VOC

The Volatile Organic Compounds amount to 480 ± 20 g/litre of paint.

## HEALTH AND SAFETY

At all times observe precautionary notices on containers. Further information about hazardous influences and protection against those are described in Safety Data Sheet.

A health and safety data sheet is available on request from Tikkurila Coatings OY.

As a general rule, avoid inhalation and skin contact and provide sufficient ventilation. Splashes on skin have to be washed off immediately. Splashes in eyes, rinse with plenty of water and consult a medical centre if the irritation continues.

### For professional use only.

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