

# MAP AERO WP

## Wash Primer

Technical data sheet: RA 010  
 Creation: April 1987  
 Revision: 7  
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### ➤ Coating characteristics

Polymer matrix	➤ Vinyl-butyril
Pigment	➤ Zinc tetraoxychromate
Solvent	➤ Alcohols & aromatic hydrocarbons
Density	➤ 0.89 ± 0.03
Solids content	➤ 15.3 % ± 2 %
V.O.C.	➤ 778 g/L
Standard Thickness	➤ 8 µm to 10 µm dry 1 crossed coat
Theoretical consumption	➤ 100g/m <sup>2</sup> of product @ 10 µm ie. 1.5 dry g / m <sup>2</sup> per dry µm
Surface preparation	➤ <u>Iron free metals:</u> Perfect degreasing. Aluminium and magnesium alloys must be scoured.  <i>(For further information, please contact us)</i>
Base / Hardener volume ratio	➤ 50 / 50
Thinner	➤ 30 % to 40 % of WP thinner
Viscosity	➤ 14s to 18s AFNOR Cup 4 @ 20°C
Filtration	➤ 80 µm nylon filter
Induction Time	➤ 20 min to 30 min @ 20°C
Pot life	➤ 8 h @ 20°C
Applying conditions	➤ 15°C ≤ T° ≤ 25°C The surface temperature must be at least 3° C > the dew point to avoid any condensation. 40 % ≤ RH ≤ 70 %
Tack free	➤ 10 min T° @ 20°C
Covering time	➤ 2 h to 24 h RH @ 50 %

### ➤ Definition

Two component wash primer for iron metals and light metallic alloys.

Aspect : **mat satin yellow**

AFNOR NFT 36005 classification: Family I Class 7c.

In accordance with :

- AERONAUTICS SPEC : report M6575100
- AEROSPATIALE SPEC DSN 00 53
- British Aero Space SPEC MS 1119

Purpose: MAP AERO WP primer may find applications in the following fields: space industry (launchers), aeronautics (aircraft, helicopters, engines...), electronics and oil industry.

Paint systems for space and aeronautic use :

- MAP AERO WP + SKYMAP 35
- MAP AERO WP + MAP AERO P + SKYMAP 35
- MAP AERO WP + MAP AERO P + MAP AERO STATIC B

### ➤ Application parameters

MAP AERO WP two components must be mixed thoroughly before use. Add WP thinner to get the right viscosity.

*For information only:*

Spray gun: **KREMLIN J4, J3 or SKM 18, Nozzle 12 or 14, AM or N1 head**

Output: **2 to 3 turns, oval jet**

Pressure: **2 to 3 bars**

Vector gas: **Compressed air**

### ➤ Packaging

2 L (1 L + 1 L) / 10 L (5 L + 5 L)

### ➤ Storage

18 months in original unopened packaging at 20°C +/- 5°C, away from humidity, without altering the properties.

### ➤ Safety data

Precautions ➤ General precautions in use for the application of paints containing solvents. Flammable product. Never handle near a flame. Store in a fresh and ventilated area.

Labelling ➤ This preparation was classified in compliance with the directives in effect.

Transport ➤ Please refer to our latest safety data sheet.

*Non-contractual technical data: for your information only.  
 For further information, please contact us.*

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