

# PHOSMAP 11 PRIMER

Wash Primer

Technical data sheet: RS 030  
 Creation: November 1991  
 Revision: 6  
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 Page 1/1

## Coating characteristics

Polymer matrix	Modified vinyl-butylal
Pigment	Zinc chromate
Solvent	Alcohols & aromatic hydrocarbons
Density	0.89 ± 0.03
Solids content	15.3 %
V.O.C.	791 g/L
Standard Thickness	5 µm to 10 µm dry 1 crossed coat
Theoretical consumption	78 g / m <sup>2</sup> of product @ 7 µm i.e. 1.7 dry g / m <sup>2</sup> per dry µm
Surface preparation	<b>On light metallic alloys:</b> Crossed sandpapering, dust removal with compressed air, cleaning by immersion or rubbing with Forane 141b or equivalent, then with acetone.  (For further information, please contact us)  <b>Any sticking on the paint being absolutely prohibited, the sticking areas must be masked before any paint application.</b>
Base/reactive thinner volume ratio	50 / 50
Thinner	30 % to 40 % of PHOSMAP 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	18°C ≤ T° ≤ 25°C The surface T° must be at least 3° C > the dew point to avoid any condensation. 40 % ≤ RH ≤ 80 %
Tack free	10 min T° @ 20°C
Covering time	2 h to 24 h RH @ 50 %

## Definition

Two components wash primer for light metallic alloys.

Aspect : **mat satin**

AFNOR NFT 36005 classification: Family I Class 7c.

Purpose: PHOSMAP 11 primer may find applications in the space industry: launchers, satellites.

Paint systems for space use:

- PHOSMAP 11 + PU1
- PHOSMAP 11 + PSX + SG121FD
- PHOSMAP 11 + PUK
- PHOSMAP 11 + SKYMAP 35 ...

## Application parameters

PHOSMAP 11 primer is delivered in two components to mix thoroughly before use.

Add PHOSMAP thinner to get the right viscosity.

*For information only:*

Spray gun: **KREMLIN J3, J4 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

1 L (0.5 L Base + 0.5 L reactive thinner)

## Storage

6 months in original unopened packaging @ 20°C and 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 room.  
 ☞ CAUTION: contains phosphoric acid.

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.*