

..... APPRET EPOX FD

Low outgassing epoxy sand surfacer



➤ Coating characteristics

Polymer matrix	➤ Epoxy with polyamide hardener
Pigment	➤ Titanium oxide
Solvent	➤ Aromatic and alcohols
Density	➤ 1.71 ± 0.05
Solids content	➤ 81 % ± 2 %
V.O.C.	➤ 435 g/L
Standard Thickness	➤ 40 µm to 50 µm dry 1 mist coat + 1 horizontal coat
Theoretical consumption	➤ 130 g/m ² of product @ 45 µm i.e. 2.3 g / m ² per dry µm
Surface preparation	➤ <u>On composites:</u> Crossed sandpapering, dust removal with compressed air, cleaning by rubbing with Forane 141b or equivalent, then acetone. <u>On light alloys:</u> Crossed sandpapering, dust removal with compressed air, cleaning by immersion or rubbing with Forane 141b or equivalent, then with acetone. <i>(For further information, please contact us)</i> Any sticking on the paint being absolutely prohibited, the sticking areas must be masked before any paint application.
Base/hardener weight ratio	➤ 95 / 5
Thinner	➤ 10 % to 15 % of EPOX FD thinner
Filtration	➤ 80 µm nylon filter
Viscosity	➤ 14s to 20s AFNOR Cup 4
Pot life	➤ 2 h
Applying conditions	➤ 18 °C ≤ T° ≤ 25 °C 30 % < RH < 80 %
Covering time	➤ 16 h to 24 h T° @ 20°C RH @ 50 %

➤ Definition

Low outgassing two-component epoxy sand surfacer.

Aspect: mat white
 AFNOR NFT 36005 classification: Family I Class 6b

Purpose: developed by CNES, this coating can be used as a surfacer on composites.

CNES report: 85/CST/DRT/SST/TH/178

Paint Systems For Space Use:

- APPRÊT EPOX FD + PU1
- APPRÊT EPOX FD + PUC
- APPRÊT EPOX FD + PUK...

➤ Application parameters

APPRÊT EPOX FD is delivered in two components to mix thoroughly before use.
 Add EPOX FD thinner to get the right viscosity.

For your information only:

- Spray gun: KREMLIN J4 , Nozzle 12, AM head
- Output: 2.5 turns , oval jet
- Pressure: 2 bars
- Vector gas: Compressed air

➤ Packaging

1 Kg (0.95 kg Base + 0.05 kg Hardener)

➤ Storage

6 months in original unopened packaging between 5°C and 25°C.

➤ Safety data

Precautions ➤ General precautions in use for the application of paints containing solvents and epoxy resins. 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.*

This information, based upon literature and our testing experience to date, is offered as part of our service to customers, and is intended for use by persons having technical skill, at their own discretion and risk for their own investigation and verification. We do not guarantee favourable results and we assume no liability in connection with its use. This information is not intended as a licence to operate under, or a recommendation to infringe, any patent covering any material or use.