

FR-PREPRIME

FIRE RETARDANT FINISHES FOR CABIN INTERIORS

AkzoNobel

Product information



FR-PREPRIME is a mono-component, water based, fire retardant acrylic putty designed to fill pinholes and correct small defects on cabin interior composite parts.

Recommended for use in combination with MAPAERO primer like FRS30, FR1-55 or FR4-45 (see TDS)

Components



Base FR-PREPRIME

Physical properties



THEORETICAL COVERAGE

7m²/kg for 50µm (2 mils) dry or 14m²/kg for 25µm (1 mil) dry

DRY FILM WEIGHT

1.9

VOC

65g/L (ISO11890-1) and 120 g/L (ASTM D3960)

COLOR

White

SHELF LIFE / STORAGE

18 months stored between 5°C and 35°C (41°F and 95°F) in full and sealed original packaging

GLOSS LEVEL

Below 10GU under 60°

NOTES

Gloss levels have been determined using glossmeter with an angle of incidence of 60°C.

Surface preparation



Before application, the substrate must be sanded with P120 and P240 sanding paper grade and then wiped with appropriate solvent (IPA type).

All recommendations mentioned above are given for information.

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Instructions for use



SPRAY APPLICATION

MIXING PROCEDURE

Spray application is not recommended.

INDUCTION TIME

None

Application recommendations



CONDITIONS

Temperature 15 to 35°C (60°F to 95°F)

Relative humidity 30 to 75%

EQUIPMENT

Wipe or putty knife

DRY / WET FILM THICKNESS

25-50µm dry/ 53-106µm wet

NUMBER OF COATS

1 coat is needed to repair small defects.

EQUIPMENT CLEANING

Clean the equipment with water before using a suitable cleaning solvent.

NOTE

Ideally, the unmixed product should be stored between 18°C and 25°C (64°F and 77°F) for 24 hours and re-homogenized before use.

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Drying times



Dust free
Dry to handle
Dry to sand
Fully Cured

25-50µm (1-2 mils) at 23°C (73°F)

10 minutes
15 minutes
45 minutes
7 days

50-100µm (2-4 mils) at 23°C (73°F)

15 minutes
30 minutes
120 minutes
7 days

50-100µm (2-4 mils) at 60°C (140°F)

N.A.*
N.A.*
30 minutes
12 hours

NOTE

N.A.* : Not applicable

Note:

Drying times have been determined for 23°C (73°F) and 50% HR.
Prior to oven curing at 60°C, let paint flash-off for 25minutes.

After drying, the FR-PREPRIME must be sanded with P240 to P400 sanding paper grade. Blow and wipe before applying MAPAERO surfacer.

Defects & corrections



In the event of a defect, contact your Quality Department.

Health & Safety



See the product Safety Data Sheets.

The MSDS are available through our website www.mapaero.com upon request.

Packing



The FR-PREPRIME is available in 1 kg and 3 kg.

WARRANTY : We guarantee our products against hidden defaults over material and preparation. Our Responsibility is limited to the obligation of freely replacing the defective material without there being a claim for any compensation. The advice we give is based on our experience but it might not be absolutely right. Consequently this does not imply our responsibility in case of inefficiency. Furthermore our company cannot be responsible for any material or corporal damages caused due to a misuse or mishandling of our products. Any concession to these clauses, to be valid, must be an official document issued by our offices and signed by our direction.