

# 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**

7m<sup>2</sup>/kg for 50µm (2 mils) dry or 14m<sup>2</sup>/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 at 60°

#### **NOTES**

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

### 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



|                      | 25-50µm (1-2 mils) at 23°C (73°F) | 50-100µm (2-4 mils) at 23°C (73°F) | 50-100µm (2-4 mils) at 60°C (140°F) |
|----------------------|-----------------------------------|------------------------------------|-------------------------------------|
| <b>Dust free</b>     | 10 minutes                        | 15 minutes                         | N.A.*                               |
| <b>Dry to handle</b> | 15 minutes                        | 30 minutes                         | N.A.*                               |
| <b>Dry to sand</b>   | 45 minutes                        | 120 minutes                        | 30 minutes                          |
| <b>Fully Cured</b>   | 7 days                            | 7 days                             | 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](http://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.