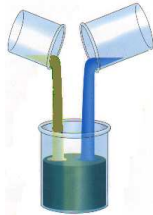


# FINISH FRS 40


**1- DESCRIPTION :** Solvent based, two component PU topcoat for aircraft passengers cabins.

**2- SPECIFICATIONS :** Qualified according to Airbus specification AIMS 04-08-002  
**CML 16-047A**  
Meets with JAR/FAR Part 25 §25.853 (a), (c/d)  
Change 14 / Amdt. 25-83  
Meets with Boeing BMS 10-83 D – Type II & III

**3- PROPERTIES/USE :**

Mixing ratio in weight	Base FRS 40	100	
	Hardener FRS	10	
	Thinner FRSL	10 to 20	
Mixing ratio in volume	Base FRS 40	8 V	
	Hardener FRS	1 V	
	Thinner FRSL	1 to 2 V	
Induction time	None		
Pot life (once mixed)	6 hours at 23°C (73°F)		
Spraying viscosity @ 23°C (73°F)	21 ± 5s cup ISO 6 (Standard colours)		
Dilution from 15 to 20%	16 ± 4s CA4 cup or 22 ± 5s ISO4 cup (Metallic shades)		

**4- RECOMMENDATIONS FOR APPLICATION :**

Dry thickness	30 to 60 µm (1.2 to 2.5 mils)		
Conditions	Temperature	15 to 35 °C (59 to 95°F)	
	Relative humidity	20 to 80 %	
Equipment	Spray gun	Such as Kremlin M 21 G	
	Nozzle	1.5 to 2.2 mm (0.07 to 0.09 inch)	
Cleaning	Degreased and dehydrated air Clean the equipment with a suitable thinner such as FRSL from MAPAERO		

## 5- METHOD :

For a smooth surface: Spray 1 or 2 crossed coats

For a textured surface : Dilute first coat at approximately 25 %, spray one crossed coat and wait 30 minutes, until the aspect is semi- gloss

- Fine texture : Decrease air pressure by 1.5 to 2 bars (22 to 30 psi) and spray at a distance of 50 cm (20 inches) from substrate
- Coarse texture : Decrease air pressure by 1.0 to 1.5 bars (15 to 20 psi) and spray at a distance of 20 cm (8 inches) from substrate

## 6- DRYING : for 30 to 60µm dry (1.2 to 2.5 mils dry)

	23°C (73°F)	40°C (104°F)	60°C (140°F)
<b>Dust free</b>	15 min	N.A*	N.A*
<b>Handlable</b>	7 hours	3 hours	1 hour
<b>Maskable</b>	8 hours	4 hours	1 hour
<b>Tot. Polym.</b>	7 days	3 days	12 hours

\*N.A : Not Applicable

## 7- PHYSICAL CHARACTERISTICS :

Theoretical consumption : 7m<sup>2</sup>/Kg for 50µm dry (160 ft<sup>2</sup>/pd for 2 mils)  
(base and hardener not diluted)

Density of dry film : 1.9 (approx.)

8- STORAGE : 36 months for base and 24 months for hardener between 5 and 40°C (41 and 104°F) (in original full and sealed cans).

## 9- PACKING :

	Packing	Part Number
Base (Kg)	1	40XXXXXXXXB001K
	5	40XXXXXXXXB005K
	25	40XXXXXXXXB025K
Hardener (Kg)	1	21040000D001K
	5	21040000D005K
Thinner (L)	5	51711000X005L



**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. Further more 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.