


FINISH FR2/55


1- DESCRIPTION: Water based, semi gloss or matt two components PU topcoat for aircraft passenger cabins.

2- SPECIFICATIONS: Qualified according to Airbus specification AIMS 04-08-002
CML 16-047B
 Meets with JAR/FAR Part 25 §25.853 (a), (c/d)
 Change 14 / Amdt. 25-83
 Meets with BMS 10-83 D – Type II & III
 Qualified according to EUROCOPTER specification ECS 2066

3- PROPERTIES / USE :

Mixing ratio in weight	Base FR2/55	100	
	Hardener FR2/55	20	
	Tap water	10 to 25	
Mixing ratio in volume	Base FR2/55	4V	
	Hardener FR2/55	1V	
	Tap water	0.5 to 1.2V	
Induction time	None		
Pot life (once mixed)	3 hours at 23°C (73°F)		
Spraying visc. @ 23°C (73°F)	22 +/- 5s cup ISO 6	(For a dilution between 20% and 25%)	
	40 +/- 6s cup AFNOR 4	(For a dilution between 20% and 25%)	

4- RECOMMENDATIONS FOR APPLICATIONS:

Dry thickness	30 to 60µm (1.2 to 2.5 mils)		
Conditions	Temperature	15 to 35°C (60 to 95°F)	
	Relative humidity	20 to 70 %	
Equipment	Spray gun	Such as Kremlin M 21 G	
	Nozzle	1.8 to 2.2 mm (0.07 to 0.09 inch)	
	Degreased air		
Cleaning	Clean the equipment with a suitable thinner such as D 770-B from MAPAERO		

5- METHOD:

For a smooth surface : Spray 1 or 2 crossed coats

For a textured surface : Dilute first coat approximately 25 %, spray 1 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 22 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)

	23°C (73°F)	40°C (104°F)	60°C (140°F)
Dust free	60 min	N.A*	N.A*
Handlable	8 hours	4 hours	1 hour
Masking time	8 hours	4 hours	1 hour
Fully cured	7 days	3 days	12 hours

*N.A : Not applicable

7- PHYSICAL CHARACTERISTICS:

Theoretical consumption : 9 m²/Kg for 40µm (200 ft²/pd for 1.5 mils) dry
(base and hardener not diluted)

Density of dry film : 1.8 (approx.)

8- STORAGE : 12 months for base and hardener between 5 and 35°C (41 and 95°F) (in original full and sealed cans)

9- PACKING:

	Packing (Kg)	Part Number
Base	1	55XXXXXXXXB001K
	5	55XXXXXXXXB005K
	10	55XXXXXXXXB010K
	25	55XXXXXXXXB025K
Hardener	1	21055001D001K
	5	21055001D005K



This product is not subject to IATA regulations for air transport

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.