

MAPAERO



- Headquarters R&D and Manufacturing : Pamiers close to TOULOUSE in the Aerospace Valley
- Sales offices
- Distributors
- Sales partnership

Commercial and technical support



MAPAERO Aerospace Coatings



Founded in 1992, MAPAERO is part of the MAESTRIA group. Over three generations, MAESTRIA has become a group of 500 employees throughout the world.

MAPAERO is a pioneer in the development of water based paint technology used in aeronautics. It has coupled advanced technology with environmental protection. Today, MAPAERO is renowned for the quality, continuity, simplicity of its paints. The research laboratory continues to provide solutions for paints, sealants and other innovative and high-performance coatings.

We provide a large range of paints:

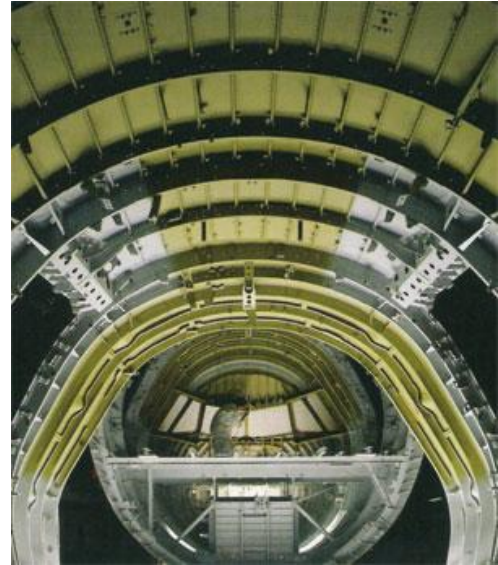
- ***Paints for exteriors***



- ***Paints for cabin interiors***



- ***Paints for airframes***



- ***Special paints***

Strategy of MAPAERO:

- **Innovation:** pioneer in the development of water based paint technology; our R&D Lab continues to create innovative products in compliance with latest requirements of the aeronautics world.
- **Respecting the environment:** research is carried out with the idea of eco-aware paint and paint respectful to employees health. MAPAERO is qualified ISO 14001.



- Services: MAPAERO has developed customized services with strong reactivity.
- Quality: qualified ISO 9001, EN 9100, MAPAERO promises reliability and constancy of its products and services.

Paints for cabin interiors

Our paints for aircraft cabin interiors combine technical performance, aesthetics, ease of application and economical advantages.

Our finishes offer a solution for VIP projects and can be customized throughout the entire interior of an aircraft using the most creative designs.



We offer two paint systems:

- ◆ Surfacers/Pore filler FR 1/55
- ◆ Finish FR 2/55



Water based paints

- ◆ Surfacers/Pore filler FRS 30
- ◆ Finish FRS 40



Solvent based paints

They meet with the most severe requirements (fire, smokes, toxicity, cleaning) and are qualified by the main aircraft manufacturers such as Airbus, Eurocopter and equipment manufacturers.



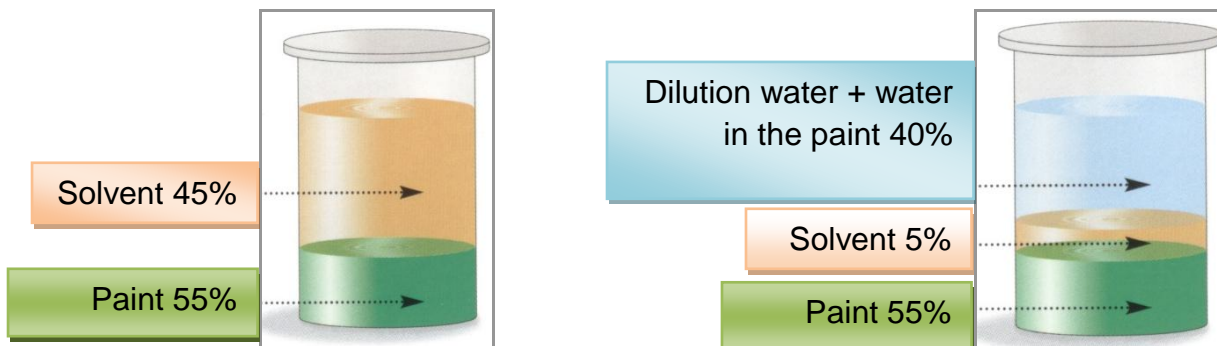
MAPAERO is a pioneer in water based paint technology.

Environmentally friendly:

- Less CO2
- Innovative eco-aware products

Solvent based paint

Water based paint



Technical efficiency of paints:

- Compliant with requirements of aircraft manufacturers
- Compliant with fireproofing aeronautical standards JAR/FAR Part 25.853
- High chemical resistance to solvents and cleaning agents

Products classified as non dangerous

- Non dangerous product : isn't subjected to the IATA regulations for air transport



- Facilitate obtaining of paint approvals (depending on countries' authorities)
- Complying with the new requirements concerning environment (notably European regulation Reach)

Improved application and safety conditions:

- Reduced of fire risk thanks to the low levels of solvent
- Reduced spray fog and smell
- Glycol free



Easy to apply:

- Unique product applicable on **all cabin surfaces**: composite, metal or plastics, panels, cockpit, seats, luggage rack, galleys, lights, floor, cargo area, toilet...
- **Quick drying** with low odour allow a quick return to service in the cabin after application of touch ups
- Special products: water based varnish, wood varnishes with high resistance, alimentary paint...
- Compatible with all existing materials and all application techniques(spray gun, paintbrush, automatic paint mixer, electrostatic)
- Thin layer: less paint to use
- Simple cleaning: with water or cleaning solvent
- **One step application** of finish for composite material, with the possibility to apply surfacer FR1/55 if it's necessary to correct any aesthetic defects of composite material.



Ease of implementation:

- Pot life (3 hours for FR2/55 and 6 hours for FRS40)
- Quick drying : two existent systems (with normal thinner or « Fast »)
- Applying in ambient temperature (from 15°C to 35°C)
- Shelf life is 12 months for FR2/55 base and 36 months for FRS40 base
- All sizes of packaging
- Small quantity of paint is available



Saving money:

- Mixed product is composed of 40% of water
- Thin layer and quick application
- Improvement of paint productivity and consumption
- No additional investment is necessary (use of existing equipment)
- Provision of free samples, standard cards within a few days

MAPAERO services:

- Assistance to customers, including technical site visits when required
- Organisation of training (training company)
- Technical support organised on demand and in accordance with customers needs
- Participation in research and its development
- Logistics : our products are available within a few days
- Answer to any commercial or technical demand within 48 hours maximum
- On demand production (metallic effect, leather effect...)



Qualifications

WATER BASED PAINTS « FIRE RETARDANT »

<u>2 component polyurethane water based pore filler / primer for composite of passenger cabins</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
Surfacer FR1/55	Airbus JAR/FAR 25.853	AIMS 04.08.001	R 16-046B	Boeing : BMS 10-83D Type I & IV
<u>2 component polyurethane water based finish for passenger cabin decoration</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
Finish FR2-55	EUROCOPTER Airbus JAR/FAR 25.853	ECS 2066-30 AIMS 04.08.002	R 16-047B	
<u>2 component polyurethane water based matt finish for passenger cabin decoration</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
FINISH FR2/55 MATT	EUROCOPTER	ECS 2210		Boeing : BMS 10.83 Type II & III
<u>2 component water based anti-skid finish</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
FINISH FR2/80 AD	EUROCOPTER	ECS 2050, ECS 2172		JAR/FAR 25.853

SOLVENT BASED PAINTS « FIRE RETARDANT »

<u>2 component polyurethane pore filler / primer for composite of passenger cabins</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
SURFACER FRS 30	Airbus ; ABD 0031 JAR/FAR 25.853	AIMS 04.08.001	R 16-046C	Boeing : BMS 10.83D Type II & III Boeing : BMS 10.83 D Type IV
<u>2 component polyurethane finish for composite of passenger cabins</u>				
Commercial name	Qualifications	References specifications	CML	Other specifications met
FINISH FRS 40	Airbus : AIMS 04.08.002 ABD 0031 JAR/FAR 25.853	AIMS 04.08.002	R 16-047C	Boeing : BMS 10.83 D type II & III
<u>2 component anti-skid finish</u>				

Commercial name	Qualifications	References specifications	CML	Other specifications met
FINISH FRS 40 AD				JAR/FAR 25.853

Références

Aircraft manufacturers:

Airbus, Mock up Center :



Airbus fleet :



Eurocopter:





Latecoere

Socata

Designers:

Acumen :



Airbus Corporate Jet :



Design Q :



Priestman Goode :



JPA :



McCarthy Interiors

+33

Pierre Jean Design

Vendors, Mros:

AAT Composite :



Jet Aviation :



FACC :



Contour :



Heath tecna :



AIM Composites :



Stükerjürgen :



Mühlenberg

Airlines and Mros:

Air Canada:



Air Algérie :



Air Astana :



Iran Air:



Sabena Technics:



Lufthansa:



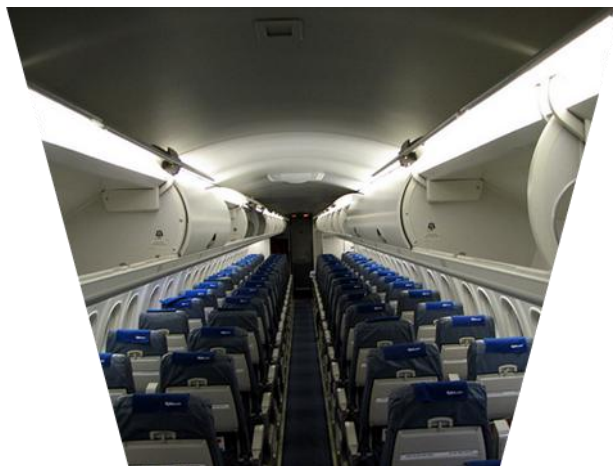
China National Aero-Technology Import and Export Corp.:



Thomas Cook:



Flybe :



Abu Dhabi Aircraft technologies