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Erosion protection Coatings

Key facts



High performance coatings to prevent abrasion, sand & rain erosion of metallic and composite parts

Currently used on commercial aircraft, helicopter, military aircrafts & antennas

Aerospace leading supplier for erosion protection coating

Applications

Dedicated solution for:

- Fixed parts such as radomes, leading edges, winglets/sharklets...
- Rotating parts such as spinner, engines fans and propellers, outlet guide vanes / structural guide vanes, helicopter blades and ground antennas, etc.

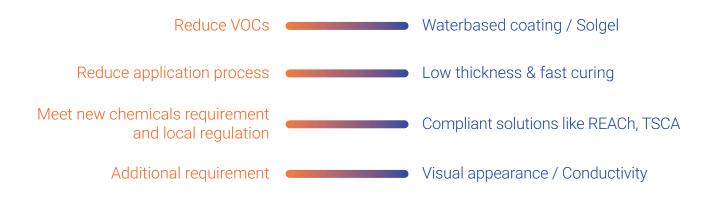


Features and benefits

- ✔ Sand and rain erosion protection to protect metallic & composite parts and increase in-service lifetime
- Adaptable thickness to save weight and ensure performance
- ✓ Full range of primer for application on metallic & composite substrate
- Full range of solvent based, water based primers & topcoats to answer customer needs
- Available in different colors / recoatable with colored topcoat
- Excellent chemical resistance to phosphate ester hydraulic fluids
- Available with additional functions such as conductivity







Range overview





Erosion protection topcoat

	Chemistry	Rain erosion	Sand erosion	Soft/hard	Recommended thickness	Form	Applications	Approvals
CHEMGLAZE M331/M201	Solvent based PU			SOFT	350-760µm	2K Sprayable liquid	Fixed & rotating parts	US Navy, Pratt&Whitney
AEROGLAZE M1433	Solvent based PU			SOFT	200-350 µm	2K Sprayable liquid	Fixed parts	US Navy
PRIAM 32005	Solvent based PU		•	SOFT	150-250 μm	2K Sprayable liquid	Fixed & rotating parts	Dassault, Safran Aircraft Engine, Safran Nacelle, Thales, Ariane
LBYH 203 V2	Waterbased PU			SOFT	80-300µm	2K Sprayable liquid	Rotating parts	Safran Aircraft engine
SOCOGLAZE EPC WB541	Waterbased PU			SOFT	80-300µm	2K Sprayable liquid	Rotating parts	Airbus Helicopter
LBYH 205 COND	Waterbased PU			MEDIUM SOFT	80-300µm	2K Sprayable liquid	Rotating parts conductive	Collins
SOCOGEL EPC0700	Sol-gel			HARD	15-25µm	3K Sprayable liquid	Fixed parts	

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