

## Approvals and conformities

SAFRAN AIRCRAFT ENGINES (formerly SNECMA)

DMR 74-035, DMP 16-030

**PRIAM CE 211** is a zinc chromate free two component epoxy primer for use on aircraft radomes and engine parts (cones, blades, OGV). It is specifically designed to protect the surfaces and leading edges of aircraft parts, onshore and offshore wind turbines against erosion (water, sand, hail).

**PRIAM CE 211** is a primer and must be used with PRIAM 32005 Topcoat to obtain the optimal protection system required by OEMs and maintenance companies against severe environmental conditions and external aggressions.

## Benefits:

- Excellent adhesion to a wide range of substrates.
- Transparent electromagnetic interference shielding.
- Good resistance to hot and humid conditions (up to 70°C).
- Aviation fluid resistant.
- Low temperature resistant (-50°C).

## USES

Substrate	Preparation
Steel	Sand blast
Steel	Cleaning
Aluminium	Anodisation

## Please, consult us regarding SOCOMORE solutions for:

- Surface preparation (SOCOCLEAN, DIESTONE & DS ranges),
- Functionalized coatings (SOCOGLAZE, AEROGLAZE, CHEMGLAZE, PRIAM, LBYH ranges),
- Surface treatment (SOCOCLEAN & SOCOSURF ranges),
- Adhesion promotion (SOCOGEL & PREKOTE ranges)
- Chemical stripping (SOCOSTRIP & SPC ranges).
- Non destructive testing products & services (BABBCO range)

**socomore** The Surface Company



## DIRECTIONS FOR USE

### Two Component Product

Name	Pot-Life (hh:mm)
PRIAM CE 211 PART B	12:00

### Preparation & Application

During application, the following requirements must be adhered to:

- $15^{\circ}\text{C} < T^{\circ} < 25^{\circ}\text{C}$
- $30\% < \text{Hy} < 70\%$

1 - PNEUMATIC SPRAYING		Viscosity 23 s +/- 5 AFNOR 4	Volume	Weight	Tol +/-
Base	PRIAM CE 211/M1 GREY RAL 7001		3.3	100	
Hardener	PRIAM CE 211 PART B		1	19	
Thinner	DL 162		0.6	11	5
2 - AIRMIX SPRAYING		Viscosity 23 s +/- 5 AFNOR 4	Volume	Weight	Tol +/-
Base	PRIAM CE 211/M1 GREY RAL 7001		3.3	100	
Hardener	PRIAM CE 211 PART B		1	19	
Thinner	DL 162		0.6	11	5

Table: Application method determines thinner ratio. Viscosity measurements provided are intended to be guidelines only and not parameters for quality control. Verified information is provided in certification documents, which are available from the technical department on request.

AIR DRYING	
Characteristic	Value
Dust dry	00:10 hour
Touch dry	02:00 hour
Overcoating	12:00 hours

FORCED DRYING	
Characteristic	Value
Flash off	00:15 hour
Force dry	00:30 hour
Temperature	60°C

## TECHNICAL CHARACTERISTICS

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	60% +/-2
Volume solids	40% +/-2
Recommended wet film thickness	40 $\mu\text{m}$ +/-10
Recommended dry film thickness	15 $\mu\text{m}$ +/- 5
Theoretical coverage	50 g/m <sup>2</sup> for 15 $\mu\text{m}$
Shade	Grey
Appearance	Satin-matt

Data for mixture n°1

Other Data
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Characteristic	Value	Note
Adhesion	Class 0	
Salt spray	>500 H (Hour)	For a minimum 50 µmdry
SKYDROL resistance	24H (Hour)	Immersion at 20°C
Engine oil resistance	24H (Hour)	Immersion at 20°C
Humidity cabinet	700H (Hour)	95% R.H at 70 °C
Low temperature resistance	-50 °C	Painted substrate

**Note :** these performances were measured 7 days after application, force dried at 20 °C.

## ***PRECAUTIONS FOR USE AND STORAGE***

### **Storage**

Can be stored for 12 months between +5°C and +35°C in original, unopened packaging.

Shelf life after opening: 3 months.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

**This technical data sheet replaces and cancels the previous one.**

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as SOCOMORE deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Pictures are not contractual. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.