Technical Data Sheet

### Approvals and conformities

NPO SATURN DMR 74-070 (LBY 216 / LBY 216 GLOSS / LBY

216 MATT)

SAFRAN AIRCRAFT ENGINES (formerly

SNECMA)

DMP 16-004 (LBY 216) / DMR 74-006 (LBY 216 /

LBY 216 GLOSS / LBY 216 MATT)

SAFRAN HELICOPTER ENGINES

(formerly TURBOMECA)

LB 544, 6010, CTT 568 (LBY 216 / LBY 216

GLOSS / LBY 216 MATT)

# **Description:**

Two component chromate and lead free polyurethane paint for engine parts (housing, blades, OGV).

#### **Benefits:**

- Good anti-erosion properties.
- · Aviation fluid resistant.

### **USES**

Substrate	Preparation	
Aluminium	Primer PRIAM CE 215	
Steel	Primer PRIAM CE 215	

Possible Schemes			
1st scheme 2nd scheme		2nd scheme	
Substrate	Steel	Aluminium	
Primer	PRIAM CE 215 GREY RAL 7001	PRIAM CE 215 GREY RAL 7001	
Finish	LBY 216 MATT	LBY 216 MATT	

### 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)















# **DIRECTIONS FOR USE**

### **Two Component Product**

Name	Pot-Life (hh:mm)
LBY 216 PART B	08:00

# **Preparation & Application**

During application, the following requirements must be adhered to:

- $5^{\circ}C < T^{\circ} < 35^{\circ}C$
- 20% < Hy < 80%

1 - PNE	UMATIC SPRAYING Viscosity 20 s +/- 2 AFNOR 4	Volume	Weight	Tol +/-
Base	LBY 216 MATT		48.5	
Hardener	LBY 216 PART B		25	
Thinner	DILUANT DL 206		12.5	4
1 - PNE	UMATIC SPRAYING Viscosity 20 s +/- 2 AFNOR 4	Volume	Weight	Tol +/-
1 - PNE Base	UMATIC SPRAYING Viscosity 20 s +/- 2 AFNOR 4 LBY 216 MATT	Volume	Weight 48.5	Tol +/-
	LBY 216 MATT	Volume		Tol +/-

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.

**Note:** Stoving time = 60 minutes at  $90 \pm 5^{\circ}$ C.

AIR DRYING		
Characteristic	Value	
Dust dry	00:10 hour	
Touch dry	06:00 hours	

FORCED DRYING		
Characteristic	Value	
Flash off	01:00 hour	
Force dry	01:30 hours	
Temperature	60°C	

# TECHNICAL CHARACTERISTICS



Technical Data - Product Ready For Use		
Characteristic	Value	
Weight solids	44.1 % +/-2	
Volume solids	30.1 % +/-2	
Recommended wet film thickness	100 μm +/-10	
Recommended dry film thickness	30 μm +/- 10	
Theoretical coverage	140 g/m² pour 30 μm	
Shade		
Appearance	Matt	

Data for mixture n°1

Other Data		
Characteristic	Value	Note
Adhesion	Class 0	
SKYDROL resistance	24H (Hour)	Immersion at 20°C
Engine oil resistance	24H (Hour)	Immersion at 20°C
Kerosene resistance	24H (Hour)	Immersion at 20°C

# PRECAUTIONS FOR USE AND STORAGE

### **Storage**

1 year between 5°C and 35°C for each component in original, unopened packaging.

Shelf life after opening: 3 months for LBY 216 MATT and 1 month for LBY 216 PART B.

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.

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