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**
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°C < T° < 35°C
- 20% < Hy < 80%

1 - PNEUMATIC 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 - PNEUMATIC 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 151		12.5	4

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 ± 5°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

www.socomore.com

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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.