

Approvals and conformities

SAFRAN LANDING SYSTEM

IFC 30-116-02 - Ed 6

Description :

LFSH 066 MATT BLACK is a high temperature water-based silicone paint. It is used for thermal and corrosion protection of torque tubes in aerospace braking systems.

Benefits:

- Withstands temperatures of 600°C (continuous) and 700°C (peak).
- Excellent corrosion resistance.
- Excellent fluid resistance for aircraft engines.

USES

Substrate	Preparation
Steel	Sand blasting

Please, consult us regarding SOCOMORE solutions for:

- Surface preparation (DIESTONE & DS 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

Preparation & Application

During application, the following requirements must be adhered to:

- 15°C < T° < 35°C
- 30% < Hy < 75%

1 - PNEUMATIC SPRAYING Viscosity 20 s +/- 3 AFNOR 4		Weight	Tol +/- %
Base	LFSH 066 MATT BLACK	100	
Thinner	DILUANT DL 1511	0	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.

Note:

- Mechanical agitation recommended before use.
- Add up to 5% thinner if necessary.
- Clean the application and installation equipment with tap water when the paint is wet. Clean with solvent for dry paint.
- To obtain good resistance to SKYDROL, bake for 2 hours at 250°C.

STOVING	
Characteristic	Value
Flash off	00:15 hour
Drying time	00:45 hour
Oven temperature	250 +/- 10°C

TECHNICAL CHARACTERISTICS

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	44% +/-2
Volume solids	30% +/-2
Recommended wet film thickness	100 µm +/- 10
Recommended dry film thickness	30 µm +/- 5
Theoretical coverage	125 g/m2 for 15µ
Shade	Black
Appearance	Matt
Gloss	Sat

Data for mixture n°1

Other Data		
Characteristic	Value	Note
VOC	64 G/L (gram/liter)	
SKYDROL resistance	7 Days	Immersion at 70°C
Adhesion	0	On sanded steel
Heat resistance	600°C	Continuous
Heat resistance	700°C	Peak
Salt spray	100 H (Hour)	After 5 one hour cycles at 650°C

PRECAUTIONS FOR USE AND STORAGE

Storage: 12 months between 5°C and 35°C in original, unopened packaging.

NB: Keep away from frost.

Shelf life after first opening: 3 months.

For further information, please refer to the product safety data sheet.

This technical data sheet replaces and cancels the previous one.

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