

### Description:

LFPH 006 ALU is an anti-corrosion and thermal protection paint for aerospace (heat exchangers).

### Benefits:

- Excellent corrosion resistance
- Very good resistance to aircraft fluids
- Good heat resistance

## USES

**Note:** Cr III surface treatment recommended.

Substrate	Preparation
Aluminium	Adapted treatment

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

### Preparation & Application

During application, the following requirements must be adhered to:

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

1 - PNEUMATIC SPRAYING <i>Viscosity 20 s +/- 3 AFNOR 4</i>		Weight	Tol +/-
Base	LFPH 006 ALU	100	/

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:**

- Agitate well before application.
- The product is "ready to use". However, on substrates or surface treatments with difficult adhesion, one can use adhesion promoter LED 348 up to 1.5%. This promoter must be added to LFPH 006 ALU just before application.

**Application**

For a good paint film appearance, it's imperative to use a spray gun equipped with a nozzle of 1.2mm (max).

Example of settings with a 1mm nozzle on a HVLP spray gun:

- paint flow: 1.5 turns clockwise from 0
- horn air flow: 1.5 turns clockwise from 0
- air flow: 4 bars
- application distance: 20cm

**Cleaning application equipment**

- Wet paint: clean with water or DL 711 thinner
- Dried paint: clean with DL 711 thinner

STOVING	
Characteristic	Value
Flash off	00:20 hour
Drying time	00:45 hour
Oven temperature	180°C

**TECHNICAL CHARACTERISTICS**

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	36.6 % +/-2
Volume solids	30 % +/-2
Recommended wet film thickness	65 µm +/- 15
Recommended dry film thickness	20 µm +/-5
Theoretical coverage	18.7 m <sup>2</sup> /kg for 15 µm
Shade	ALU
Appearance / Gloss	Satin

Data for mixture n°1

Other Data		
Characteristic	Value	Note
VOC	92 G/L (gram / liter)	
Salt Spray	500H (Hour)	Under 10-15 µm NF EN ISO 9227
Adhesion	0	Under 10-15 µm
Engine oil resistance	24H (Hour)	Synthetic ester base oil, immersion 150°C

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

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### **Storage**

12 months between 5°C and 35°C in original, unopened packaging. KEEP AWAY FROM FROST.

Shelf life after first 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.**

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