

### Approvals and conformities

SAFRAN AIRCRAFT ENGINES (formerly SNECMA)

DMR 74-071 ind D

### Description:

LBYH 203 V2 NOIR MAT is a two-part water-based anti-erosion paint for aircraft parts subject to erosion.

### Benefits:

- Excellent sand erosion resistance
- Good water erosion resistance
- Aviation fluid resistant

### USES

Primer: PCEH 100 / PCEH 100 V2 / PRIMADER WB 411 / SOCOGLAZE PRIMER WB413

Substrate	Preparation
Composites	Primer
Aluminium	Primer

### DIRECTIONS FOR USE

#### Two Component Product

Name	Pot-Life (hh:mm)
DURCISSEUR LBYH 200	02:00

### Preparation & Application

During application, the following requirements must be adhered to:

- $15^{\circ}\text{C} < T^{\circ} < 25^{\circ}\text{C}$
- $40\% < \text{Hy} < 70\%$

1 - PNEUMATIC SPRAYING Viscosity 30 s +/- 5 AFNOR 6		Volume	Weight	Tol +/-
Base	LBYH 203 V2 NOIR MAT	10	100	
Hardener	DURCISSEUR LBYH 200	1	10	0.2
Thinner	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.

### Mixing and viscosity measurement:

- Mix the base (part A).
- Add the hardener to the base.
- Mix vigorously for at least 2 minutes.
- Perform a viscosity measurement: CA 6 Cup.
- If the viscosity conforms (25-35s CA 6), the product can be applied.
- If the viscosity does not conform, adjust with 5% thinner (max).
- If the viscosity now conforms (25-35s CA 6), the product can be applied.

#### Application process:

- Apply 200 µm of product in 3 to 4 layers of 50/60 µm with an interlayer flash-off time of 15 minutes.
- If you need to apply more than 200 µm, use a 5 to 6 layer application process with a 15 minute interlayer flash-off time, and **increase the final flash-off time from 30 minutes to 1 hour.**

FORCED DRYING	
Characteristic	Value
Flash off	00:30 hour
Force dry	00:30 hour
Temperature	80°C

## TECHNICAL CHARACTERISTICS

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	40% +/-2
Volume solids	34.5% +/-2
Recommended wet film thickness	600 µm +/-60
Recommended dry film thickness	200 µm +/-20
Theoretical coverage	625 g/m <sup>2</sup> for 200 µm
Shade	Black
Appearance	Matt
Gloss (60° geometry)	5% +/-5

Data for mixture n°1

## PRECAUTIONS FOR USE AND STORAGE

Storage: Can be stored for 12 months between 5°C and 35°C in original, unopened containers. **NB: Keep away from frost.**

Shelf life after first opening:

- PART A: 3 months
- PART B: 1 month

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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