

Approvals and conformities

SAFRAN AIRCRAFT ENGINES
(formerly SNECMA)

DMR 74-071 (LBYH 203 V2 NOIR MAT) /
64003582-024 (LBYH 203 V2)

Description:

LBYH 203 V2 NOIR MATT 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 / SOCOGLAZE PRIMER WB 411 / SOCOGLAZE PRIMER WB 413

Substrate	Preparation
Composites	Primer
Aluminium	Primer

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

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:

- Stir 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 dry product in 3 to 4 layers of 50/60 μm dry 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 ² for 200 μm
Shade	Black

Appearance	Matt
Gloss (60° geometry)	5% +/-5
VOC (g/L) Part A + Part B + thinner	52

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. **Keep away from frost.**

Shelf life after first opening:

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

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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