

Approvals and conformities

SAFRAN AIRCRAFT ENGINES (formerly SNECMA)

DMR 74-106

Description:

FUN NG GREEN 40462 is a chromate free two-component epoxy varnish used for corrosion protection.

Use to touch-up any defects after Alodine 1200 treatment.

Benefits:

- Alodine 1200 color touch-up
- Excellent anti-corrosion properties
- Very good adhesion on steel and aluminium
- Chromate free

USES

Substrate	Preparation
Aluminium alloy	Anodisation / Degreasing
Steel	Degreasing

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)
FUN NG PART B	08:00

Preparation & Application

During application, the following requirements must be adhered to:

- $15^{\circ}\text{C} < T^{\circ} < 35^{\circ}\text{C}$
- $30\% < \text{Hy} < 70\%$

1 - BRUSH/ROLLER		Volume	Weight	Tol +/-
Base	FUN NG GREEN 40462	2	73	
Hardener	FUN NG PART B	1	27	
Thinner	DL 162	0	0	

2 - PNEUMATIC SPRAYING		Volume	Weight	Tol +/-
Base	FUN NG GREEN 40462	2	73	
Hardener	FUN NG PART B	1	27	
Thinner	DL 162	0.8	20	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 part A for at least 1 minute.
- Stir part B for at least 1 minute.
- Add the hardener into the base and mix for at least 2 minutes.
- Add 20% (in weight) of thinner to the A+B mixture, and mix for 1 minute.
- Perform a viscosity measurement: CA4 Cup
- If the viscosity conforms to 20-30s for CA4 Cup, the product can be applied.
- If the viscosity does not conform, adjust the viscosity with an extra 5% thinner (max).
- If the viscosity now conforms to 20-30s for CA4 Cup, the product can be applied.
- Do not dilute more than 25%.

AIR DRYING	
Characteristic	Value
Dust dry	00:10 h
Touch dry	00:30 h
Hard dry	12:00 h
Overcoating	Min:12:00 h / Max: 48:00 h

FORCED DRYING	
Characteristic	Value
Flash off	01:00 h
Force dry (Oven or IR)	02:00 h
Temperature	70°C

Recoat time and process

- Recoat window: 12 to 48 hours.
- If cured at 70°C, recoating is possible after cooling (up to 48 hours).

TECHNICAL CHARACTERISTICS

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	48% +/-2
Volume solids	35% +/-2
Recommended wet film thickness	70µm +/-15
Recommended dry film thickness	25µm +/-5
Theoretical coverage	75 g/m ² for 25µm
Shade	Green (40462)

Data for mixture n°2

Other Data		
Characteristic	Value	Note
VOC PART A	543 G/L (gram / liter)	
VOC PART B	578 G/L (gram / liter)	

PRECAUTIONS FOR USE AND STORAGE

Storage

Can be stored for 12 months between 5°C and 35°C in original, unopened containers.

Shelf life after first opening:

- PART A: 3 months
- PART B: 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.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as SOCOMORE deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Pictures are not contractual. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.