



SILICON ALU PAINT

Technical Data Sheet No 606

General Technical Description

Special, silicon-based paint with aluminium, for the coating of metallic surfaces exposed to high temperatures.

1K Acryl silicon modified system.

Applied with spray gun or brush/roller.

Semi gloss finish.

Excellent thermal resistance up to 600°C (1112°F).

VOC compliant with the regulations.

Surface

For metallic objects which are exposed to temperatures up to 600°C (1112°F)

Pretreatment / Cleaning of substrate



Clean substrate using a soft cloth and 770 ANTISIL NORMAL / 771 ANTISIL FAST DEGREASER.

Make sure the surface is first wiped dry and then air dried.

Product Application:

Spray Gun: Apply 2 coats plus an effect coat. Keep flash off times between coats.

Brush / Roller: Apply 1 coat.



Spray Gun
Addition 30-35% of thinner. Use 767 ECO-THINN NITRO THINNER or 750 SYNT THINNER.



Brush / Roller
Dilute with 25% 767 ECO-THINN NITRO THINNER or 750 SYNT THINNER.
1x coat = 20-30 µm (0.8 - 1.2mil)

Flash Point:
18°C / 64°F

Specific Gravity:
1 - 1.3 g/cm³

Solid Content (No thinner):
42-50% Weight

VOC (2004/42/EC)
This is a special refinish product based on its ingredients and its properties. The maximum VOC content in this category is 500 g/L. The VOC content in the ready for use form of this product is 490 g/L.
2004/42/IIB(c)(500)490

Theoretical Coverage:
8-10m² / l at 25-40 µm (1-1.6 mil) dry film thickness

Cleaning of equipment:
Clean after final use with 767 ECO-THINN NITRO THINNER

Remarks:

- Do not expose on direct contact with flames.
- During the heating procedure there may be fumes generated due to the high temperatures.
- After preparing the area to be painted ensure that it is free from dirt, wax, oil etc.
- It can be used by countries that do not adopt the VOC legislation as well.

Storage shelf life:

- Store in a cool place +5°C - +25°C (+41°F - +77°F) and use within 18 months for best results. Guaranteed shelf life of 24 months in unused original containers.



Mix well



1 h / 23°C (73°F)
Heat the painted surface for 30 minutes, gradually reaching 150-200°C (212 - 392°F), before exposing surface to higher temperatures.



Filter before application



Ready to spray:
20 - 25s
DIN 4 @ 23°C (73°F)



Always wear protective equipment



Spray gun
1.3 - 1.5 mm
2 bar (29 psi) inlet pressure
2x coats = 45 - 60 µm (1.7 - 2.3mil)



Follow the application instructions mentioned in this TDS



Flash off time
15 - 20 min / 23°C (73°F)

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Issue 3 / 2020, October 2020