NANOGRAFI NANOTECHNOLOGY

Technical Data Sheet

PRODUCT INFORMATION

Product Name	Fix Kote

Fix Kote, a two-component topcoat, is suitable for both industrial and general use as its texture is similar to anodized coating.

- Perfect compatibility on all surfaces. Aluminum (the surface with the best compatibility), Steel, Plastic, Glass, Copper, Brass surfaces.

- Can be used for industrial, decorative and hobby purposes.

- After cleaning the applied surface, it can be applied without the need for any chemical treatment (phosphating, etc).

Content: organic binders and organic solvents.

COLOR SCALE

It has special color values and is used in 5 different colors.

Matte Black
(L: 24.7, a: 0.08, b:0.32)
(Glos 60o: 4.5)

Matte Chrome
(L: 80.84, a: -1.36, b:2.38)
(Glos 60o: 36.9)

Satin – Belk 100
(L: 70.74, a: 0.08, b: 9.65)
(Glos 60o: 20)

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Satin – BS 502
(L: 69.4, a: 2.75, b: 13.3)

Gold
(L: 74.35, a: 3.91, b: 33.61)
(Gloss 60o: 37.1)

APPLICATION PROCEDURE

The application method consists of 3 steps to ensure effective and efficient use.

- Surface Preparation
- Application
- Curing

1. Surface Preparation

The application surface must be free of contaminants such as dirt, oil and dust.

- Clean the surface.
- Make sure that the surface is degreased.
- Perform one of the sandblasting, phosphating or alodine methods. Sandblasting and phosphating will increase the adhesion and lifetime of the coating.

2. Application

Apply the coating stored in liquid form in closed containers according to the following order.

- Mix the liquid paint thoroughly.
- For black color, mix 100 units of paint with 100 units of thinner, add 4% hardener and mix well.

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- For other colors, mix 100 parts of paint with 200 parts of thinner, add 4% hardener and mix well.
- Apply to the part that has been previously surface prepared.
- Apply with spray (pressurized spray guns) as application method. Can be applied with 1.3, 1.4 guns.
- Coating thickness should be between 5-15 µm.

3. Curing

It is sufficient to perform the curing process between 50-70 degrees for 20-25 minutes. Curing at various times and temperatures is possible.

- It reaches 30 minutes touch dry.

Note: Due to its structure, the paint is 100% compatible with aluminum surfaces, it can also be applied on steel surfaces.

AREAS OF USE

The application surface must be cleaned from contaminants such as dirt, oil and dust.

- Defense industry applications,
- Weapon components and various equipment for surface defense systems,
- It can be used on all kinds of surfaces for decorative and retouching purposes,
- Hinges
- Furniture handles and furniture legs,
- All kinds of metal parts.

RECOMMENDED USE THICKNESS

5-15 µm

STORAGE CONDITIONS

Store in a dry and sun-free environment between -5˚C and +25˚C.

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