



KAPCI
COATINGS

For professional use only

Issue: June 2018

Superseded: February 2018

Kapci Dima 9670 waterborne basecoat

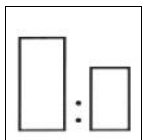
Product description

Kapci Dima 9670 is a waterborne basecoat mixing system for repainting of passenger cars and commercial vehicles. The mixing system offers extensive basecoat color matching including solid, metallic, pearl, and xiralllic basecoat finishes. Kapci Dima 9670 significantly reduces solvent emissions into the environment and complies with all current legislative requirements.

Substrates

Kapci Dima 9670 waterborne basecoat can be applied over properly prepared surfaces including Kapci 2K fillers and through-hardened finishes. Existing job should be correctly prepared and cleaned. Before applying Kapci Dima 9670 basecoat color, sand the surface with paper grit P500 for dry or with P800/P1000 for wet sanding. For cleaning and degreasing of the surface, use Kapci Dima Degreaser 9605.

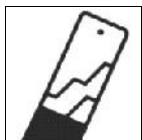
Application



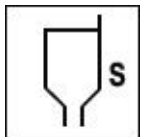
Mixing ratio:

100:30

100% Kapci Dima 9670 Basecoat
30% Kapci Dima 9610 Reducer



Use mixing ruler



Application viscosity:

22-26 s (DIN4/20°C)

These products are for the professional painting of automotive vehicles only after reference to the manufacturer's Material Safety Data Sheets (MSDS)

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Spray gun tips:

Compliant: 1.3-1.4 mm; Air pressure: 2 bar (26-29 psi) at the air inlet

HVLP: 1.3-1.4 mm; Air pressure: 0.6-0.7 bar (8-10 psi) at the tip

Conventional: 1.3-1.4 mm; Air pressure: 3.0-3.5 bar (45-50 psi) inlet.

For best overall results, refer to the spray gun manufacturer's recommendation.



Number of coats:

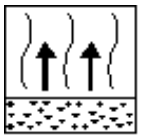
Metallic, pearl, and xirallic basecoats

2 normal single coats (to get opacity) plus a mist coat to even metallic appearance. Heavy application must be avoided. Recommended total dry film thickness is 20-25 microns, depending on the shade to reach opacity.

Solid color basecoats

2 normal single coats (to get opacity). Heavy application must be avoided. Recommended total dry film thickness is 20-25 microns, depending on the shade to reach opacity.

Note: With low opacity colors, it may be necessary to apply 1 coat more. Use appropriate shade of Kapci 2K fillers before applying the basecoat color.



Flash off time:

Flash off thoroughly between coats and before applying clearcoat until matt and uniformly dry. If needed, use dry jet equipment to reduce flash off time.



Overcoating:

Apply Kapci 2K HS or Kapci 2K UHS clearcoat.

General notes

Hand-shaking of the toners

Hand-shake containers of Kapci Dima 9670 toners for a few seconds before use. Do not shake them vigorously.

Rectification of the basecoat

Visible defects can be removed only after the basecoat is fully dry by light manual sanding with paper P1500 or finer. For smoother sanding, the sanding paper can be slightly soaked with Kapci 605 Degreaser.

Other tips

1. Use plastic containers for mixing of Kapci Dima 9670..
2. For optimum performance, ensure that Kapci Dima 9670 basecoat color is applied between 20°C and 25°C.

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3. It is always recommended to filter the basecoat before spraying. Use nylon paint strainers designed for use with waterborne paints. Recommended mesh size is 125 microns.
4. Clean and degrease the surface with Kapci Dima 9605 degreaser prior to applying the basecoat color.
5. Do not use the spray gun as an air blower!
6. Clean the spray gun with water immediately after the application
7. When collect waste-disposal, always separate waterborne products from solvent based ones.

Storage and handling

Kapci Dima 9670 should be stored and transported at temperature between 5°C and 35°C. Store and keep away from frost.

VOC (2004/42/EC)

2004/42/IIB(d)(420)410

The EU limit value for this product (product category: IIB.d) in ready for use form is maximum 420 g/liter of VOC.

The VOC content of this product in ready for use form is maximum 410 g/liter.

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.

IMPORTANT NOTE: These products are for professional use only. The information in this Technical Data Sheet is based on our best knowledge and given for information purposes only without any obligation as we do not have control over the quality and conditions of the surface, or over many factors affecting the use and application of the product. Always read the Material Safety Data Sheet and the Technical Data Sheet for this product if available.

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