



KAPCI
COATINGS

For professional use only

Issue: June 2015

Superseded: February 2015

Dima 9670 Basecoat Mixing System

Product description

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 metallics, pearls, solid color basecoat and special effect finishes.

Based on acrylic dispersion Dima 9670 basecoat colors significantly reduce solvent emission and comply with the 420g/l VOC limit.

Substrates

Dima 9670 waterborne basecoat can be applied over properly prepared Kapci 2K HS filler/primer and through-hardened finishes. For final sanding use sanding paper P500 dry or P1000 wet prior to applying Dima 9670 basecoat color.

Existing job should be properly sanded and degreased.

For cleaning and degreasing the surface prior to applying the waterborne basecoat, it is recommended to use Dima Degreaser 9605.

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



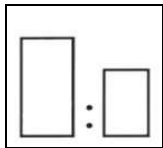
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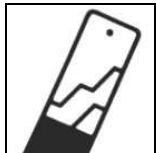
Application



Mixing ratio:

100:30

100% Dima 9670 Basecoat
30% Dima Reducer



Use measuring stick



Application viscosity:

20-22 s (DIN4/20°C)

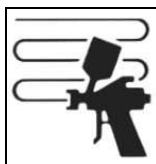


Spraygun tips:

1.3-1.4 mm

HVLP: 1.8-2 bar/27-30 psi
at the air inlet

Refer to the spraygun manufacturer's
recommendation.



Number of coats:

Metallic, pearl, and xirallic basecoats

2 normal coats (to get opacity) plus 1 mist coat to even metallic appearance.
Recommended dry film thickness is 20-25 microns, depending on the shade
to reach opacity.

Solid color basecoats

2 normal coats (to get opacity). Recommended 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 a coat more after
the appropriate flash off time. Use appropriate shade of Kapci 2K fillers before
applying the basecoat.

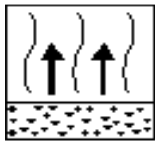


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Flash off time:

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



Clearcoating:

Apply Kapci 2K HS clearcoats

General notes

Rectification

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. Stir well Dima 9670 basecoat color in order to ensure color accuracy.
2. It is always recommended to filter the basecoat before spraying.
3. For optimum performance ensure that Dima 9670 basecoat is applied between 20°C and 25°C.
4. Clean and degrease the surface with Dima Degreaser 9605 prior to applying Dima 9670 basecoat color.
5. Clean the gun immediately after the application using water. Finally spray through with Dima Reducer.
6. When collect waste-disposal always separates waterborne products from solvent-based ones.
7. DO NOT use the spraygun as an air blower!
8. Dima 9670 basecoat should be stored at temperature between 5°C and 35°C. Store and keep Dima 9670 products 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.



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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.