



Technical Data Sheet

Issue date: January 2024

for professional use only

Primabase 8700 Basecoat Mixing System

Product description

Primabase 8700 is a solvent-based basecoat mixing system for repainting of passenger cars and commercial vehicles. It offers solid color basecoats, metallic basecoats, pearlescent and special effect basecoats.

- Prima basecoat color is easy to apply.
- Fast drying.
- Has very good coverage.
- Excellent durability. When used in conjunction with a range of Prima clearcoats.

Substrates

- Sanded or wet on wet Properly prepared 2K fillers/2K primers.
- 1K or 2K sealers.
- Old finishes in sound conditions.




For sanding prior to applying Prima basecoat, use paper grit P500 dry or P1000 wet. Degrease the surface with Prima 8080 Degreaser before the application of the basecoat color.

Application of two-stage basecoat colors

	Mixing ratio: 100:100 (1:1)	100% Prima basecoat 100% Prima 2K thinners: 8420 Normal. Or 8410 Fast. Or 8430 Slow.																	
	Use mixing ruler																		
	Application viscosity: 16-18 s (DIN4/20°C)																		
	Spray gun tips: <table border="1" data-bbox="247 1736 1364 1937"> <thead> <tr> <th></th> <th>Spray Nozzle</th> <th>Inlet pressure</th> <th>Atomization pressure</th> </tr> </thead> <tbody> <tr> <td>Compliant</td> <td>1.2-1.3</td> <td>2 bars (26- 29 psi)</td> <td></td> </tr> <tr> <td>HVLP</td> <td>1.2-1.3</td> <td>2 bars (26- 29 psi)</td> <td>0.7bar (8-10 psi)</td> </tr> <tr> <td>Conventional</td> <td>1.2-1.3</td> <td>3-3.5 bar (45-50 psi)</td> <td></td> </tr> </tbody> </table>				Spray Nozzle	Inlet pressure	Atomization pressure	Compliant	1.2-1.3	2 bars (26- 29 psi)		HVLP	1.2-1.3	2 bars (26- 29 psi)	0.7bar (8-10 psi)	Conventional	1.2-1.3	3-3.5 bar (45-50 psi)	
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<p>For best overall results, refer to the spray gun manufacturer's recommendation.</p>																			

IMPORTANT NOTE: These TDS are for information purposes only without any obligation as we do not have control over the quality and conditions of the surface or application.







	Number of coats:	
	Metallic, Pearlescent and Special effect base coat colors	Solid Basecoat colors
	2 Normal + a mist coat to even metallic appearance	2 Normal coats
Recommended DFT 15-20 µm		
	Flash off time:	
	Between coats: 3-4 min Before applying clearcoat: 10-15 min	
	Overcoating:	
	Apply Kapci 2K clearcoat	

Application of three-stage basecoat colors

This application requires 3 steps

- Spraying of a ground, solid basecoat color as a first step
- Spraying of transparent layers of a special effect pigments basecoat color in second step
- Spraying a clearcoat in third step.

	Mixing ratio: 100:100 (1:1)	100% Prima basecoat 100% Prima 2K thinners: 8420 Normal. Or 8410 Fast. Or 8430 Slow.		
		Use mixing ruler		
	Application viscosity: 16-18 s (DIN4/20°C)			
	Spray gun tips:			
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	HVLP	1.2-1.3	0.7bar (8-10 psi)	Atomization pressure
Conventional	1.2-1.3	3-3.5 bar (45-50 psi)	Inlet pressure	
For best overall results, refer to the spray gun manufacturer's recommendation.				



Number of coats:

Ground Layer Solid Basecoat	Final layer, Pearlescent and Social effect base coat colors
2 Normal coats	2 Normal + a mist coat to even metallic appearance
Recommended DFT 15-20 µm	



Flash off time:

Between coats: 3-4 min
Before applying clearcoat: 10-15 min



Overcoating:

Apply Prima 2K clearcoat

Prima fades out technique

- Apply one coat of fade out thinner Prima 8460 to the whole blending area.
- Spray Primabase 8700 to the area which filler was applied till you cover filler completely.
- Add Prima fade out thinner 8460 to the reduced paint in order to make color less concentrated.
- Extend the area of Primabase application in each overlapping coat using reduced pressure.
- Apply the clear coat to the entire repair area.

General notes

- Stir Prima basecoat color well.
- It is always recommended to filter the basecoat before spraying.
- Color checking is required before painting of a vehicle with all refinish systems.
- Look up the motor manufacturer color code and color name in the Kapci Color Boxes and refer to Kapci ColorMix Software or Kapci SC Software to find the color formulation.
- Spray a sample panel in the same process mentioned above as whether the color is 2 stage or 3 stages.
- For 3 stage color spray the ground layers over two or three sample panels (two coats each) then apply two coats of final layer over the first panel and three coats over the second panel Then apply 2k clearcoat.
- With low opacity colors, it may be necessary to apply a coat more after the appropriate flash off time.
- Use appropriate shade of Prima 2K grey fillers before applying the basecoat.
- Maximum dry film thickness for a three-stage color for 4 coats (excluding a clearcoat) is around 40 microns.
- Visible defects can be removed only after the basecoat is fully dry by light manual sanding with paper grit P1500 or finer. For smoother sanding, the sanding paper can be slightly soaked with water

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.