

# CS HpP Primer

## 1K Plastic Primer

### :: CHARACTERISTIC

The Carsystem HpP Primer is characterized by its excellent bonding on non-pretreated, solvent resistant plastics which can be overpainted with all common base coats (solvent-based and water-based) in the market as well as 1K and 2K paint systems.

Use on PE is not recommended.

### :: APPLICATION

The 1K Plastic Primer is for the use on solvent plastics (e.g. PP, PVC, EPP, PP-EPDM). The surface must be clean, dry and free from grease.

### :: PRODUCT DATA

#### MATERIAL DATA

Colour:	black, grey, white
Shelf life:	12 month in closed original container at 5°C to 35°C
Density Primer:	1,27 g/cm <sup>3</sup>
Density Thinner:	0,87 g/cm <sup>3</sup>
Dry film thickness:	20 - 40 µm
Efficiency:	17 m <sup>2</sup> /kg at 20 µm

### :: HANDLING

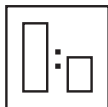


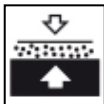

For application on solvent resistant plastics. It is strongly recommended to work with the complete system. Drying and adhesion problems cannot be excluded with use of thinning materials of external systems.

Due to the different kinds of plastic-types and different top-coat paint systems we recommend that pre-trials are carried out under live conditions.

CARSYSTEM recommends using the Carsystem ISO-VE 7030 to clean the surface before applying the HpP Primer.

Another filler can be applied with intermediate sanding after the HpP Primer achieved its full hardness.

The HpP Primer can only be reworked with 1K or 2K topcoats wet on wet.

MIXING RATIO		
	<b>HpP Primer</b> <b>HpP Primer Thinner</b>	<b>by volume</b>
		100 60
APPLICATION		
	<b>Spray gun</b> <b>gravity feed</b>	<b>Nozzle size / pressure</b>
		Nozzle size: 1,2 - 1,4 mm Air pressure: 2,0 - 2,2 bar Please pay attention to handling recommendations of the spray gun manufacturer.
	<b>Application</b>	<b>1,5 spraying operations</b>
		1/2 thin closed coat 1 full wet coat
	<b>Dry coat thickness</b>	20 - 40 µm
PROCESSING		
	<b>Object temperature</b>	<b>25°C</b>
	<b>Dust-dry</b> <b>Dry to touch</b> <b>ready to over lacquer</b> <b>Full hardness</b>	15 min. 30 min. wet on wet after 15 min. flash-off time 24 h
	<b>Forced drying</b>	30 min at 65°C

## :: STORAGE AND TRANSPORTATION CONDITIONS

Protect from freezing, heat, sunlight and moisture. Store tightly closed in a dry, cool place. Recommended storage and transportation temperature range is: +5 to +35°C. Avoid extreme temperature fluctuation.

**Note:** The storage and transportation temperature must be not lower than +5°C. Acclimatize the product to room temperature naturally.

## :: SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions.

In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

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