

## :: 1K Easy Primer

1 comp. primer

### CHARACTERISTICS

The Carsystem 1K Easy Primer is a universally applicable Primer with excellent adhesion properties, corrosion prevention and filling power on various metallic substrates. The Carsystem 1K Easy Primer is weldable and can be recoated with water-based 1K and 2K Top Coat Systems on the market available.

In terms of time and material savings the primer provides optimal synergy effects for modern automotive refinishing. It is characterized by its very fast drying especially if it is only used in thin coat layers.

- Perfect corrosion protection properties
- Suitable for isolation of sanded surface
- Filler and Primer at the same time
- Super smooth running
- Fast drying
- Simple and time-saving application
- Over-paintable with water based paints
- Over-paintable with 1K and 2K Top Coat systems
- Weldable
- Free of chromate

### APPLICATION

1K Easy Primer is an universal 1K-primer, which has excellent adhesion, corrosion prevention and filling power on all metal surfaces and all common, used in automotive sector, plastics.



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- Used on steel, aluminum, galvanised grounds, old coating, polyester putty and wood
- Used directly on all major, in the automotive industry may be used, plastics such as EPDM, PA, PU, ABS, PVC, EP, PP, UP, PC, SAN
- For the spot repair and partial painting area

## PRODUCT DATA

### Material data

V.O.C.: 657 g/l

Color: white, grey, black

Fertility: Depending on the nature and color of the ground 400 ml are sufficient for approx 1.0 m<sup>2</sup>

Can be stored in original unopened container: 10 years with proper storage. (=10°-25°C, relative humidity of max 60%)

Temperature resistance: to 250°C

Drying time (at 20°C, 50% relative humidity): 30 - 40 minutes

The drying time depends on the environmental temperature, film thickness and the air humidity.

## HANDLING

Shake the can well for 2 minutes. Clean the surface thoroughly and sand. The surface must be clean, free of grease, dust-free and dry. Clean with a silicone remover. Carry out spray test.

As a primer, a uniform layer of 15µ with a distance of about 25 cm applied to the object. As a filler apply 2-3 layers with a thickness of 30-60 µ. Flash-off between coats are 2-3 minutes.

Polishing:

- Wet with granulation P800 - P2000
- Dry with granulation P400 - P800



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Further processing:

1K Easy Primer can be applied to various plastic substrates without a plastic primer. But since there are so many different plastics, a precise definition is not possible and it should always be carried out preliminary experiments. Don't revise with polyester products.

## **PRECAUTIONS**

Only to be used by the expert.

Wear a suitable respiratory protective mask. (We recommend the CARSYSTEM Star Mask protection level A2/P2 R).

## **DISPOSAL**

The product is 100% free of harmful heavy metals. The caps and packagings are made of recyclable materials.

Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

## **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



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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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