

## ::: **KS-3000 Plus**

HS stone chip protection

### **CHARACTERISTICS**

CS KS-3000 Plus is an overpaintable stone chip coating with anti corrosion and sound deadening properties based on rubbers and resins. After drying, the coatings are overpaintable with most commonly used paint systems. After the product has completely dried a durable elastic film remains. The KS 3000 Plus offers a good protection against weathering, spray water, abrasion and gravel and a very good adhesion to a wide range of substrates.

The following product features have been improved at the KS-3000 Plus:

- Reduced smell
- Less overspray
- Significant better adhesion on the new waterbased (low VOC) paint systems
- Better stone chip protection
- Improved corrosion resistance
- Easier to spray different structures
- More scratch resistant surface
- PVC looking surface
- Can be painted with waterborne basecoats without primer

### **APPLICATION**

The product can be applied as stone chip and anti-corrosion coating on e.g. bumpers, front and rear aprons, doorsills and chassis for instance cars, trucks and busses.

## **PRODUCT DATA**

### **Material Data:**

Packaging: 1000 ml container

Colour: white, grey, black

Specific density (DIN 51757): Approx. 1,08 kg/Ltr (20°C)

Cleaning with: solvents (fresh), mechanical (cured)

Thinner: nitro-cellulose combination thinner

Solid content (DIN 53216): Approx. 54%

Temperature resistance (cured): -40°C till + 90°C

Resistant (20°C) cured: Water, salt spray, oil, soft bases & acids

Usage: Approx. 0,7 kg/m<sup>2</sup>, 0,7 l/m<sup>2</sup>

### **Adhesion:**

The KS-3000 Plus adheres very well on a wide range of clean, dry, dust- and grease free substrates. It is always advisable to carry out a test beforehand.

### **Drying time:**

Dry to touch (20°C, 65% RH): Approx. 45 minutes (700 µ wet)

Completely dried (20°C, 65 % RH): Approx. 2 hours (700 µ wet)

Forced drying (60°C): Approx. 45 minutes (700 µ wet)

### **Paintability (20°C, 65% RH):**

2-component high solids: Possible after drying, primer recommended

Base coat system: Possible after drying

Water based system: Possible after drying, no primer required

Shelf life: 24 months in unopened original container, cool and moisture free.

Storage: Do not store under +10°C and above 30°C. The packaging must be protected from direct sunlight and heat.



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## **HANDLING**

Shake the container well before use.

The surface must be clean, dry, rust-, dust- and grease free. Apply the product with an air-line fed gun with an air-pressure of 3-6 bar. Recommended product and substrate temperature: +15°C - +25°C. Apply even coats of KS-3000 Plus in the desired structure. If thicker layers are wanted, it is recommended to dry the layers in between. Optimum spraying distance is about 30 cm. The product can be sprayed haze-free and does not drip. Contaminated surfaces and filthy equipment can be simply cleaned in "fresh" condition with solvents.

If you want to sand the KS-3000 Plus layer to achieve a smoother surface, apply the product with a paint spray gun. This will minimize any air bubbles or pockets that may occur in the material.

Before overpainting with synthetic resin based lacquers the surface must be allowed to dry completely. When applying 2K high solid coats the surface must be primed, e.g with CS Kunststoff-Haftvermittler-SPRAY ML400 and allowed to flash off/dry before painting.

Clean the spray gun immediately after use.

## **PRECAUTIONS**

Please see our latest EC safety data sheet for details.

## **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



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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.