

# CK-STP-2

Coat for Every Industry!

## PRODUCT DESCRIPTION:

CK-STP-2 is a surface tolerant two pack ceramic composite epoxy coating providing outstanding corrosion protection to a wide variety of metal, fiberglass, reinforced plastic and concrete substrates.

## APPLICATION DATA

Application methods: Airless spray. Tip size: 0,013-0,017". Conventional spray or roller may be used for smaller areas. Brush may be used for stripe coating and touch-up.

Mixing Ratio by weight: **5 : 1.** A (base) to be mixed thoroughly with 1 part B (hardener).

Potlife (20°C): approx. 4,5 hours (reduced at higher temperatures)

Thinner: CK-STP2-Thinners (Type VK14)

Filters: Check to ensure that filters are clean

## TECHNICAL INFORMATION:

Colour: RAL tones, preferable grey tones

Gloss: satin

Temperature stability: +110°C dry heat max.

Volume Solids: 75%

Abrasion resistance: Excellent

Adhesion: Excellent

Corrosion Resistance: Excellent

Specific Gravity (Mix): 1,59

Application range:

Film thickness per coat		Theoretical Consumption kg/m <sup>2</sup>	Theoretical Spread m./kg
Dry	Wet		
150µm	200 µm	0,320	3,14
300µm	400 µm	0,640	1,57

## SURFACE PREPARATION:

Gritblasting to minimum Sa 2,5 (ISO 8501-1). Surface to have a good profile with a roughness of 30-50µm. Contact Distributor for specific information regarding other substrates.

## CONDITION DURING APPLICATION:

The temperature of the substrate should be minimum 15°C and minimum 3°C above the dew point of the air. Relative humidity should be below 85%. Temperature and relative humidity measured in the vicinity of the substrate.

## DRYING TIME:

Substrate temperatur	Touch dry	Cured	Recoat	
			Minimum	Maximum
20°C	3 h	24 h	5 h	36 h

## STORAGE AND PACKING:

Preferred storage conditions are to keep the containers in a dry and cool area below 35°C provided with adequate ventilation. The containers should be sealed tightly.

Packing: 12 + 24 + 36 kg kits incl. hardener

Shelf life: See labels for shelf life details.

## QUALITY ASSURANCE AND INSPECTION:

To ensure a continuous quality of the products, the quality assurance and inspection plan of the material manufacturer has to be considered. For the porosity test is just a wet-sponge-tester permitted. The test voltage has to be 90 V. Recommendations for qualified test control units are available at the material manufacturer.

## HEALTH AND SAFETY:

Observe the precautionary notices on the container label, and read the Material Safety Data Sheet before use. The product is intended for use by properly qualified professional applicators in industrial conditions. The product is flammable and should be kept away from sparks, open flames, and other sources of ignition. Smoking is prohibited in the application area. Wear suitable respiratory equipment and apply in well ventilated areas. Avoid contact with skin and eyes.

## Disclaimer:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we can not guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.