

PRODUCT DESCRIPTION:

Gee-Guard X is a two pack Silicon Carbide ceramic composite epoxy coating providing outstanding abrasion and corrosion protection to a wide variety of metal, fibreglass, reinforced plastic, concrete substrates in aggressive environments.

TECHNICAL INFORMATION:

Colour: Light Grey , Dark Grey
 Volume Solids: 87% (+/- 1%)
 Flash Point: >19°C
 VOC: 104 g / litre
 Abrasion resistance: Excellent 2,6 mg loss (ASTM D4060)
 Adhesion: Excellent >20 N/mm² (ISO 4624)
 Specific Gravity (Mix): 1,613
 Application range:

Film thickness per coat		Theoretical spreading rate m ² /l
Dry	Wet	
300µm	2 x 172µm	2,89

Number of Coats: One coat , two passes 172µm WFT wet-on-wet. A 3rd pass may be applied for critical applications.

APPLICATION DATA:

Application methods: Airless spray. Tip size: 0,015-0,021"
 Conventional spray or roller may be used for smaller areas. Brush may be used for stripe coating and touch-up.
 Mixing Ratio by weight: 6,28 : 1, A (base) to be mixed thoroughly with 1 part B (hardener)
 Potlife (23°C): 2 hours (reduced at higher temperatures)
 Thinner: Gee-Guard Thinners
 Filters: Check to ensure that filters are clean

SURFACE PREPARATION:

Grit blasting to minimum Sa 2,5 (ISO 8501-1). Surface to have a good profile with a roughness of 30-80µm.

CONDITION DURING APPLICATION:

The temperature of the substrate should be minimum 10°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 Temperature	Gel	Service	Cured	Recoat	
				Minimum	Maximum
10°C	6 h	28 h	80 h	3 h	-
20°C	4 h	20 h	48 h	0,67 h	-
25°C	2 h	10 h	36 h	0,3 h	-

STORAGE AND PACKING:

Preferred storage conditions are to keep the containers in a dry and cool area below 40°C provided with adequate ventilation. The containers should be sealed tightly.

Packing: 1,2,4 and 15 liter kits
 Shelf life: See labels for shelf life details.

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 the skin and eyes.

DISCLAIMER

The information given in these specifications and technical advice – whether verbal, in writing or by way of trials is for guidance and is given in good faith, but without warranty. This also applies where property rights or third parties are involved. Any person using Gee-Guard products without first making further enquiries as to the suitability of the products for the intended purpose, and testing the products to assess their fitness for the purpose, does so at their own risk. The application, use and end processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development. We reserve the right to change the product without notice.