

PRODUCT DESCRIPTION:

Gee-Guard HT is a ceramic epoxy composite coating system designed to give high abrasion & corrosion resistance in severe applications including high temperature service. The material has rapid cure characteristics and is easy to apply.

TECHNICAL INFORMATION:

Colour:	Dark Grey
Volume Solids:	100%
Mix Ratio A: B:	4,6 : 1
Cure:	Catalyst induced crosslinking polymerisation
Typical Thickness:	250µm - 2000µm
Coverage at above thickness:	2,55 – 0,32 SqM / Kg (allow for application losses)
S.G.Part A (20 °C):	1,747
S.G.Part B (20 °C) :	1,073
S.G.Mix (20 °C):	1,57
Temperature resistance:	Up to 220 °C (following post cure schedule)

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APPLICATION DATA:

Application methods:	Roller, Brush or Trowel. For spray application contact manufacturer
Thinner:	NO Thinners should be added
Cleaner:	PG10 Thinners
Overcoating:	N/A
Potlife :	30 minutes
Cure:	2 – 4 hours dependent on temperature and other environmental conditions

MIXING METHOD:

Add the B component (curing agent) to the A component (base) and mix thoroughly

SURFACE PREPARATION:

- Steel:** Oil and grease must be removed by detergent cleaning. Remove welds, splatter and smooth weld seams and sharp edges as applicable. Abrasive blasting to min SA 2½ - ISO 8501:1
- Repair:** Corroded areas should be power tool cleaned to ISO ST3 or blast cleaned to ISO – SA2 or better and primed. Existing systems must be dry and free from salt, grease and other contaminants. There should be no loose paint and edges of existing coatings should be well feathered and tightly adhering.

STORAGE:

Store in sealed containers in cool dry place (Max temp 35 °C )

PACKING:

1 litre, 4 litre & 15 litre kits

APPLICATION CONDITIONS:

Below 85% RH. Temperature of paint on application 10°C min, 30°C max. The temperature of the substrate should be at least 3°C above the dew point of the air. Relative Humidity and air temperature must be measured in the vicinity of the substrate.

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.