

## PRODUCT DATA SHEET PROGUARD Hi-Temp

### PRODUCT DESCRIPTION:

**PROGUARD Hi-Temp** is a one component heat resistant (550°C) Topcoat for thermal and corrosive stressed objects, for example exhaust-pipes, cast iron ovens etc.. The Paint is filled up with ceramic micro particles providing excellent abrasion and corrosion protection.

### TECHNICAL INFORMATION:

Colour: Black and silver  
Volume Solids: 35% (+/- 2%)  
Flash Point: >21°C  
Gloss: mat  
Corrosion resistance: Excellent  
Abrasion resistance: Excellent  
Adhesion: Excellent  
Specific Gravity mix: 1,35 (black) and 1,25 (silver)

Application range:

Film thickness per coat		Theoretical spreading rate
Dry	Wet	
40µm	110 µm	150 g / m <sup>2</sup>

Number of Coats: One coat.

### APPLICATION DATA:

Application methods: Spraying or brushing.  
Filters: Check to ensure that filters are clean

### SURFACE PREPARATION:

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

### CONDITION DURING APPLICATION:

The temperature of the substrate should be minimum 5°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	Dust dry	Dry to touch	Cured	Recoat	
				Minimum	Maximum
23°C	20 minutes	25 minutes	24 h	12 h	-

### STORAGE AND PACKING:

Preferred storage conditions are to keep the containers in a dry and cool area below 30°C provided with adequate ventilation. The containers should be sealed tightly.

Packing: 10 kg  
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 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.