



SteelGard 50 VoidGard 3

Product Description

SteelGard 50 VoidGard No. 3 is an integral component of the SteelGard 50 System. SteelGard 50 VoidGard No. 3 is based upon an inert blend of petrolatum compounds and additives specially formulated to displace and repel atmospheric moisture and humidity. Contains no volatile components.

Product Characteristics

SteelGard 50 VoidGard No. 3 exhibits wide ranging resistance to acids, alkalis, and salts. Non – hardening and non-cracking properties of SteelGard 50 VoidGard No. 3 will allow the product to accommodate both substrate vibration and extreme movement. SteelGard 50 VoidGard No. 3 is compatible with copper, brass, steel, galvanised steel, timber, concrete and plastic substrates.

Product Uses

Anchor Strands: Encapsulation and physical protection of permanent rock anchors, anchor strands and pre-stressing strands.
Other: Filling of voids to prevent corrosion by the ingress of air, moisture or humidity.

Product Application

Areas to be protected should be prepared as per any applicable engineering standard or recommendations for project. This should include the removal of foreign materials and waste. For best results, apply when area is dry. Place heating bands on the drums and raise the temperature of the product to about 80°C. Once molten, use a stirrer to agitate the product for 5 minutes. If the product is to remain molten in the drum for any extended period of time, it will need to be restirred immediately prior to use.

By pump, transfer the molten product into the voids. Encapsulate substrates, fill in and saturate voids. Ensure that no air pockets are allowed to form during application. For localised protection, product can be applied by hand at ambient conditions. Raising the product temperature slightly will allow easier application. It is recommended that PCS PetroGard Primer Paste be considered as an alternative for use in ambient conditions.

Product Properties

Property	Test Method	Value
Saponification	ASTM D94	<5 mgKOH/g
Acid Value	ASTM D974	<0.1 mg KOH/g
Flash Point	ASTM D92	≥ 250 °C
Cone Penetration	ASTM D937	110 ± 15 dmm at 25 °C
Drop Melting Point	ASTM D127	≥70 °C
Copper Corrosiveness	ASTM D130	1a
Salt spray (1000 hours)	ASTMB117	No corrosion
Solids Content		100%
Application Temperatures		+20 to +90 °C
Service Temperature		-35 to +55 °C
Maximum Temperature		+60°C

Product Packaging

Part No.	Drum
PVG3200	200 L

Other sizes are available on request.

IMPORTANT

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.