PRODUCT INFORMATION

CE-227
10/18 Supersedes 11/13

PENNGUARD™ Block Primer

DESCRIPTION

PENNGUARD Block Primer is a two component vinyl wash primer consisting of PENNGUARD Wash Primer - Part "A" and PENNGUARD Wash Primer - Part "B". Spray application is recommended, but it can be brush applied. **Consult Corrosion Engineering specification CES-350, entitled "Specifications for Installation for PENNGUARD Block Lining System" for complete installation details.**

AREAS OF USE

PENNGUARD Block Primer is designed for application onto sandblasted metal substrates before installation of the PENNGUARD Block Lining System, TUFCHEM™ II Membrane and PENNCHEM™ 97 Membrane.

PENNGUARD Block Primer is designed for priming carbon steel, some stainless steels & non-ferrous substrates in stacks, ducts, breaching and vessels. It is intended to prevent re-rusting of sandblasted steel during the period of time between completion of sandblasting and application of the subsequent lining system.

With application onto certain alloy substrates, PENNGUARD Block Primer improves adhesion of PENNGUARD Adhesive/Membrane, TUFCHEM II Membrane, and PENNCHEM 97 Membrane.

OUTSTANDING FEATURES

- Prevents formation of flash rust on previously sandblasted steel surfaces.
- Provides for maximum adhesion of Corrosion Engineering lining systems
- Easy to use with conventional spray equipment
- Dries quickly - at 72°F (22.2°C) it takes approximately 2 hours or less.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	PART A	PART B	MIXED
Color	Red	Water/Clear	Red
Mix Ratio by weight	1.0	1.0	-
Mix Ratio by volume	1.1	1.0	-
Viscosity Zan # 2 cup sec ±2	-	-	50
Weight lbs/gallon	8.6 to 9.0	7.8 to 8.1	8.3
Pot Life @ 75°F (23.8°C)	-	-	8 hrs.
Flash point Pensky-martens	15.6°C (60°F)	22°C (73°F)	-
Set to Touch @ 75°F (23.8°C)	-	-	20 min.
Surface Dry @ 75°F (23.8°C)	-	-	1 to 1.5 hrs.
Dry Hard @ 75°F (23.8°C)	-	-	1.5 to 2 hrs.
Shelf Life if kept below 90°F	1 year	1 year	-

ESTIMATING/PACKAGING THEORETICAL QUANTITIES – NO OVERAGE ALLOWANCE

PRODUCT	CODE	PACKAGING	COVERAGE
PG Primer Part A	19505	4 x 0.5 gal containers/case	1 case of PG Primer Part A combined with 1 case of PG Primer Part B will yield 4 mixed gallons, which will theoretically* cover 1408 SF @ 4.5 mils WFT (131 sm @ 114 µm)
PG Primer Part B	19506	4 x 0.5 gal containers/case	

* A carbon steel surface prepared to a SSPC-SP10 finish with a 1½ to 2 mil profile will reduce primer practical coverage to about 900 /ft^2 per 4 mixed gallons @ 4.5 mils wet thickness (84 sm @ 114 µm).

SAFETY PRECAUTIONS / DISCLAIMER

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.