

**CE-311**  
**09/13 Supersedes 09/11**

### **PENNCOAT<sup>®</sup> 570 LINING**

#### **DESCRIPTION**

PENNCOAT 570 is a two component polyester/aliphatic polyurethane floor sealer with excellent abrasion resistance, flexibility, weathering and UV stability. Use over PENNCOAT 210 Lining for enhanced gloss retention. **Consult Corrosion Engineering specification [CES-342](#) for complete installation details.**

#### **AREAS OF USE**

- Auto service centers
- Warehouses
- Cafeterias
- Light duty chemical service
- Computer rooms
- Laboratories
- Aircraft hangars
- Indoors or outdoors

#### **OUTSTANDING FEATURES**

- Numerous color options.
- Easily applied with 3/8" nap roller.
- High gloss – greater than 80 at 60 degrees using Erichsen glossmeter.
- Excellent flexibility – no cracks on 1/8" mandrel
- Excellent resistance to weathering
- Excellent UV stability

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	PENNCOAT 570
Viscosity	200-400 cps, mixed (most colors)
VOC content (mixed unit)	<3.8 lb/gal
Solids by weight	60% for colors, 56% for clear ( $\pm 2\%$ )
Pot life	2-5 hours, 1.5 gal volume (70°F)
Impact test (ASTM D2794)	160 in. lbs.
Adhesion	360 psi with Elcometer (concrete failure)
Abrasion Resistance (Taber Abrader CS-17 calibrase wheel)	20.0 mg loss (1000 gram total load/500 cycles)
Hardness (Shore D)	72
Mix Ratio	2 parts Part A to 1 part Part B by volume
Cure time (70°F)	2-4 hours tack free 4-8 hours recoat/topcoat 14-24 hrs light foot traffic 3-5 days for full cure/heavy traffic

**ESTIMATING / PACKAGING THEORETICAL QUANTITIES - NO OVERAGE ALLOWANCE**

PRODUCT	CODE	PACKAGING	COVERAGE*
3-GAL UNIT Penncoat 570 Resin-White Penncoat 570 Resin-Off White Penncoat 570 Resin-Light Gray Penncoat 570 Resin-Med. Gray Penncoat 570 Resin-Tile Red Penncoat 570 Resin-Beige Penncoat 570 Resin-Clear  Penncoat 570 Hardener		2-gal (21 lb) pail 2-gal (21 lb) pail 2-gal (21 lb) pail 2-gal (21 lb) pail 2-gal (21 lb) pail 2-gal (21 lb) pail 2-gal (17.5 lb) pail  1-gal (8.5 lb) can	3 gal kit consists of 1 x 2-gal pail resin and 1 x 1-gal can hardener.  On concrete, a 3 gal unit will theoretically cover 960-1500 SF (320-500 SF/gal) @ 3-5 mils WFT (2-3 mils DFT).  * Coverages are theoretical and may vary with substrate roughness.
15-GAL UNIT Penncoat 570 Resin-White Penncoat 570 Resin-Off White Penncoat 570 Resin-Light Gray Penncoat 570 Resin-Med. Gray Penncoat 570 Resin-Tile Red Penncoat 570 Resin-Beige Penncoat 570 Resin-Clear  Penncoat 570 Hardener		5-gal (53 lb) pail 5-gal (53 lb) pail 5-gal (53 lb) pail 5-gal (53 lb) pail 5-gal (53 lb) pail 5-gal (53 lb) pail 5-gal (44 lb) pail  5-gal (43 lb) pail	15 gal kit consists of 2 x 5-gal pails resin and 1 x 5-gal pail hardener.  On concrete, a 15 gal unit will theoretically cover 4800-7500 SF (320-500 SF/gal) @ 3-5 mils WFT (2-3 mils DFT).  * Coverages are theoretical and may vary with substrate roughness.

**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.



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