

Pro-Seal PD-400™

Green Breathable Penetrating Sealer for Concrete and Masonry



Product Description:

PD-400™ is a single component one-coat penetrating breathable light duty sealer that seals most porous substrates.

**Polycarbon/polycarbonate integrated technology*

Features:

- Prevents moisture penetration
- Prevents freeze/thaw damage
- Will not alter color of substrate
- Retards pitting, rusting, and dusting
- Resists penetration of many oils, acids, greases, and salts
- Enables easier snow and ice removal
- U.V. Impervious
- Long lasting
- Water resistant seal
- No V.O.C.
- 5-7-year warranty available when applied by authorized applicator

Applications:

- Brick
- Concrete
- CMU Block Walls
- Cured Asphalt
- Split-Faced Block
- Sandstone
- Cinder-Crete

Application Instructions (guidelines):

Surface must be dry, clean and free of all loose particulate and bond-breaking matter. For specific application instructions or guide specs, contact us at 800.349.7325 or information@prosealproducts.com

Technical

Information	Value
Material	1 part
Mix time	N/A
Appearance	Liquid
V.O.C.	None
Cure time to walk	45 minutes
Cure time complete	1.5 hours
Flash point	500°F
Specific gravity	8.46
Stain resistance	Excellent
Penetrates	1-225 mils
Coverage rate	400-500 ft ² /gallon
Packaging:	1, 5 or 55 gallons

Chemical Resistance

Cured material	Rating
.05% phosphoric acid	Excellent
15% citric acid	Excellent
.05% oxalic acid	Good
.04% sulfuric acid	Good
Caustic soda	Fair
Caustic pot ash	Fair
.05% hydrofluoric acid	Poor
15% hydrochloric acid	Excellent

Technical Support:

Contact our technical department at 800.349.7325, information@prosealproducts.com or visit our website www.prosealproducts.com for additional information.



Before

After



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Specifications

ASTM/Test	Data	Value
C 67 Water absorption	48 hrs submersion 5 hrs @ boiling point	Low air content 0.10%
C 67 Water absorption	48 hrs submersion 5 hrs @ boiling point	Normal air content 0.18%
C 67 Freeze/thaw	Ponded with 2% caCL ₂ 15 hrs freeze 32°F 7 hrs thaw ambient	No damage
C 67 2 Freeze/thaw	Chloride content non-air entrained	1.1% @ 2.45 cm
67 2 Freeze/thaw	Chloride content air entrained	1.25% @ 2.45 cm
G 23-69	Inspection	Visual
E42-65 accelerated weathering	4000 hrs slight film loss water uptake (retained at 4000 hrs) permeability	15%
E 42-65 accelerated weathering	Chloride weathered	7%
E42-65 accelerated weathering	Chloride Un-weathered	1.5%
E42-65 accelerated weathering	Co ₂ weathered	18%
E42-65 accelerated weathering	Co ₂ un-weathered	7%
C 666	Freeze-thaw damage	75%
C 666	Salt attack in presence of moisture	60%
C 666 with DryCrete	Dusting	100% improved
G 2381	Weathering	Opaque to U.V. radiation in frequencies below 2800 U.A.
C 779 32	Abrasion resistance	> 38%
C 39	Hardening increase	> 39%

* Data based on laboratory tested materials.

Cured material	Rating
.05% phosphoric acid	Excellent
15% citric acid	Excellent
.05% oxalic acid	Good
.04% sulfuric acid	Good
Caustic soda	Fair
Caustic pot ash	Fair
.05% hydrofluoric acid	Poor
15% hydrochloric acid	Excellent



Available in:

0.25 gallon/1.89 Liters
 001 gallon/3.78 Liters
 005 gallon pail/ 20 liters
 055 gallon drums/200 liters
 275 gallon totes / 1,417 liters



Cautions:

Keep out of reach of children. May cause skin or eye irritation. This product may be harmful if swallowed. Do not induce vomiting. Use in well ventilated area. Contact a physician immediately and always seek a physician's advice regarding first aid. Use only in commercial or industrial applications. Use only on intended surfaces. Contact manufacturer for specific application uses. See material safety data sheet for additional cautions.

Limited Warranty:

We warrant our product to be free of defects in material and workmanship; and to be in accordance with our company quality control standards. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee, or warranty of accuracy. Our products are sold on the condition that the user himself will evaluate them, as well as our recommendations, to determine their suitability for the user's own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations. Liability under any condition shall be limited to replacement of material only.

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