

Pro-Seal PD-400™

Breathable Penetrating Sealer 聚碳酸酯透气渗透性密封剂

Product Description 产品简介

Pro-Seal PD-400™ is a single component polycarbon/polycarbonate technology integrated polysilicate Polysilane one-coat penetrating breathable sealer that completely seals most porous substrates.

Pro-Seal PD-400™

是一种单质聚碳/聚碳酸酯技术融入聚硅酸硅酸盐的一道涂层可以完全密封大多数的多孔基材。

Advantages when used with Drycrete

当本品和Drycrete使用的特点

- Prevents moisture penetration of concrete
当使用正确的上涂装置是，可达到5-7年的质量保证
- Prevents freeze/thaw damage of concrete
防止混凝土冻结/解冻破坏
- Will not alter color of substrate
不会改变基材的颜色
- Retards pitting, rusting and dusting
阻碍点蚀，锈蚀和灰尘
- Resists penetration of many oils, acids, greases and salts
抵抗对油，酸性，盐分和 油脂的渗透
- Enables easier snow and ice removal
更容易清除冰雪
- Sealer is U.V. Impervious; sealer is not damaged by U.V.
有效抵抗紫外线
- Long lasting
长期持久
- Water resistant seal
防水密封
- No V.O.C.
无挥发性有机化合物
- 5-7 year warranty available when applied by certified applicator
防止水分渗透的混凝土

Uses 使用

- Brick
石灰岩
- Concrete
混凝土
- CMU Block Walls
CMU砖墙
- Cured Asphalt
沥青
- Split-Faced Block
混凝土砖槽
- Sandstone
砂岩
- Cinder-Crete
圆形混凝土铺切
- Lime Stone
砖

Major Components 主要成分

- Polysilicate Polysilane
聚硅酸硅酸盐
- Alcohol
酒精
- Polycarbon/Polycarbonate integration technology
聚碳/聚碳酸酯技术

Application Instructions

1. Surface must be dry, clean and free of all loose particulate and bond-breaking matter.
表面必须干燥，施工前应将表面的粉尘、油污等清除干净，以免影响粘结强度
2. For specific application instructions or guide specs, contact us at 800.349.7325 or information@prosealproducts.com
对于具体的认购指引或规格指导，请于我们联系电话 800.349.7325 或 电邮 information@prosealproducts.com

Pro-Seal PD-400™

Breathable Penetrating Sealer 聚碳酸脂透气渗透性密封剂

Technical 技术指标

Information 信息	Value 参数
Material 材料	1 part 1 份
Appearance 外观	Liquid 液体
V.O.C. 挥发性有机化合物	No V.O.C.
Cure time walkable 固化时间行走	.75 hours 0.75小时
Cure time complete 固化时间完成	1.5 hours 1.5小时
Flash point 燃点	260°C 260摄氏度
Specific gravity 具体重力	8.46
Stain resistance 耐污	Excellent 很好
Penetrates 渗透	1-12cm 1-12厘米
Coverage rate 覆盖率	53.78-68.42m ² per liter
Shelf life/storage 保质期/储存	2 yrs <32°C, store out of direct sunlight
Packaging: 包装:	1 ltr, 3.8 ltr bottles 20 ltr pails 200 ltr drums

Applications 应用

- Highways
高速公路
- Railways
铁路
- Subways
地铁
- Bridges
桥梁
- Dams
水坝
- Walls
墙
- Tanks
水槽灌
- Barrier Walls
围墙

Particles 颗粒

Particles 微粒	Size
Compound 化合物	Largest alcohol hydrogen oxygen
Particle 微粒	All ranges 所有范围
Molecule 分子	All ranges 所有范围
Nano 纳米	All measurable ranges 所有可测试范围
Sub Nano 微纳米	All measurable ranges 所有可测试范围

Chemical Resistance 化学反应评级

Cured material 固化材料	Rating 等级
.05% phosphoric acid 0.05% 磷酸	Excellent 很好
15% citric acid 15% 柠檬酸	Excellent 很好
.05% oxalic acid 0.05% 草酸	Good 好
.04% sulfuric acid 0.04% 的硫酸	Good 好
Caustic soda 苛性钠	Fair 一般
Caustic pot ash 碱锅灰	Fair 一般
.05% hydrofluoric acid 0.05% 氢氟酸	Poor 差
15% hydrochloric acid 15% 盐酸	Excellent 很好

Cautions 注意事项

Keep out of reach of children. May cause skin or eye irritation. May be harmful if swallowed. Do not induce vomiting. Use in well ventilated areas. 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.

请将本产品保存于儿童触碰不到的地方。一旦触碰，可能引起皮肤或眼睛刺激。一旦吞咽，可能导致身体伤害。不会引起呕吐。请在通风良好的区域使用本产品。及时联系医生询问关于急救的建议。本产品只限于商业或工业用途。只限于指定的区域。请联系生产厂商获取具体的操作使用信息。请参阅材料安全数据表以了解其它注意事项。

Pro-Seal PD-400™

Breathable Penetrating Sealer 聚碳酸酯透气渗透性密封剂

Specifications 技术参数

Test 测试	Data 数据	Value 参数
ASTM C 67 Water absorption 美国实验材料学会标准测试 C 67 吸水率	48 hrs submersion 5 hrs @ boiling point 48 小时沉没 5小时@沸腾	Low air content .10% 低空气含量 .10%
ASTM C 67 Water absorption 美国实验材料学会标准测试 C 67吸水率	48 hrs submersion 5 hrs @ boiling point 48 小时沉没 5小时@沸腾	Normal air content .18%
ASTM C 67 Freeze/thaw 美国实验材料学会标准测试 C 67吸水率	Ponded with 2% caCL ₂ 15 HRS freeze 0°C 7 hrs thaw ambient 用2%氯化钙积水 15小时冻结至0° 7小时解冻环境	No damage
ASTM C 67 2 Freeze/thaw 美国实验材料学会标准测试 C 67 2冻结/解冻	Chloride content non-air entrained 氯化物含量非空气夹带	1.1% @ 2.45 cm ²
ASTM C 67 2 Freeze/thaw 美国实验材料学会标准测试 C67 2 冻结/解冻	Chloride content air entrained 氯化物含量 空气夹带	1.25% @ 2.45 cm ²
ASTM G 23-69 美国实验材料学会标准测试 G 23-69	Salt degradation Inspection 检验	.21% Visual 呈现
ASTM E 42-65 accelerated weathering 美国实验材料学会标准测试 E 42-65	4000 hrs slight film loss Water uptake (retained at 4000 hrs) permeability 4000小时的轻微膜的损耗吸水（4000小时保留）的通透性	15%
ASTM E 42-65 accelerated weathering 美国实验材料学会标准测试 E 42-65	Chloride weathered 氯化物经风化	7%
ASTM E 42-65 accelerated weathering 美国实验材料学会标准测试 E 42-65	Chloride Un-weathered 氯化物未经风化	1.5%
ASTM E 42-65 accelerated weathering 美国实验材料学会标准测试 E 42-65	Co ₂ weathered Co ₂ 经风化	18%
ASTM E 42-65 accelerated weathering 美国实验材料学会标准测试 E 42-5	Co ₂ Un-weathered Co ₂ 未经风化	7%

ASTM C 666 美国实验材料学会标准测试 C 666	Freeze-Thaw Damage 冻结/解冻损毁	75%
ASTM C 666 美国实验材料学会标准测试 C 666	Salt Attack In Presence Of Moisture 盐分附加在水分中的分量	60%
ASTM C 666 Combined with Drycrete 美国实验材料学会标准测试 C 666混合和 Drycrete	Dusting 除尘	100% improved
ASTM G 2381 美国实验材料学会标准测试 G 2381	Weathering 风化	Opaque to U.V. radiation in frequencies below 2800 U.A. 不透明的U.V辐射频率在2800U.A以下
ASTM C 779 32 美国实验材料学会标准测试 C 779 32	Abrasion resistance 抵抗磨损	> 38%
ASTM C 39 美国实验材料学会标准测试 C 39	Hardening increase 硬化增加	> 39%

* Data based on laboratory tested materials.
数据来源于实验室材料测试

Limited Warranty 有限保修

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.

我们保证本产品材料和做工方面没有瑕疵；并且符合本公司质量控制标准。此处所用的数据，声明和建议都是基于我们认为可信赖的信息。我们不保证这些信息的精确性。用户在购买本产品前除了听取我们的建议之外还应当自己做出评估以确定本产品适合自己的需求。此外，这里关于本产品和工序的使用声明不能被作为用户违反使用专利权或应用法则的建议。在任何情况下，我们的责任仅限于更换材料。