

Pro-Seal SP-12™

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

Product Description 产品简介

Pro-Seal SP-12™ is a single component polycarbon/polycarbonate technology integrated polysilane polysilicate one-coat penetrating breathable sealer that completely seals most porous substrates.

Pro-Seal SP-12™ 是一种融合聚碳酸脂集成技术和聚硅酸盐硅酸的渗透性密封剂，可完全密封大部分能渗透的底层。

Advantages 产品优势

- Prevents moisture penetration
防止水气渗透
- Prevents freeze/thaw damage
防止冻融的损害
- Will not alter color of substrate
不会改变底层的颜色
- Retards pitting, rusting and dusting
减轻凹陷、生锈和粉
- Resists penetration of many oils, acids, greases and salts
抵抗油、酸性、油脂和盐分的渗透
- Enables easier snow and ice removal
更易去除冰和雪
- U.V. Impervious
防紫外线渗透
- Long lasting
具有持久性
- Water resistant seal
防水
- No V.O.C.
不含挥发性有机化合物

Major Components 主要成分

1. Polysilane Polysilicate
聚硅酸盐 硅酸
2. Alcohol
酒精
3. Polycarbon/Polycarbonate integration technology
聚碳酸脂集成技术

Applications 应用范围

- Brick
砖块
- Concrete
混凝土
- CMU Block Walls
CMU块墙
- Cured Asphalt
凝固的沥青
- Split-Faced Block
裂口砖
- Sandstone
砂岩
- Cinder-Crete
煤渣混凝土

Application Instructions 使用说明

1. Surface must be dry, clean and free of all loose particulate and bond-breaking matter.
确保使用表面清洁，没有松散的微粒和断裂物
2. For specific application instructions or guide specs, contact 800.349.7325 or information@prosealproducts.com
有关更详细的应用指示或指导规范，请联络我们的热线 800.349.7325
或电邮 information@prosealproducts.com

Particles 颗粒

| Particles 颗粒 | Size 大小 |
|-----------------|---|
| Compound 混合物 | Largest alcohol hydrogen oxygen 酒精氢氧 |
| Particle 颗粒 | All ranges 所有范围 |
| Molecule 分子 | All ranges 所有范围 |
| Nano 纳毫米 | All measurable ranges 所有可量度范围 |
| Sub Nano 子纳米 | All measurable ranges 所有可量度范围 |

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Technical 工业数据

| Information 资料 | Value 值 |
|---------------------------|---|
| Material 物料 | 1 part 部分 |
| Appearance 形态 | Liquid 液体 |
| Application 应用方法 | See guide specification 参阅指引 |
| V.O.C. 挥发性 | No V.O.C. |
| Cure time walkable 凝固时间 | .75 hours 小时 |
| Cure time complete 完全凝固时间 | 1.5 hours 小时 |
| Flash point 燃点 | 260°C 摄氏 |
| Specific gravity 比重 | 8.46 |
| Stain resistance 耐沾污性 | Excellent 优良 |
| Penetrates 渗透 | 1-12cm |
| Coverage rate 覆盖率 | 32.07-40.63 m ² per liter |
| Storage Indoors 储存在室内 | 32°C stored out of direct sunlight 32度, 避免直接接触阳光 |
| Packaging: 包装 | 1 ltr, 3.8 ltr bottles 公升 桶 20 ltr pails 公升 桶 200 ltr drums 公升 滚筒 |

Chemical Resistance 耐化学性评级

| Cured Material | Rating |
|----------------------------|--------------|
| .05% phosphoric acid 磷酸 | Excellent 优良 |
| 15% citric acid 柠檬酸 | Excellent 优良 |
| .05% oxalic acid 草酸 | Good 良好 |
| .04% sulfuric acid 硫酸 | Good 良好 |
| Caustic soda 氢氧化钠 | Fair 普通 |
| Caustic pot ash 苛性钾 | Fair 普通 |
| .05% hydrofluoric acid 氢氟酸 | Poor 差 |
| 15% hydrochloric acid 盐酸 | Excellent 优良 |

Specifications 规格

| Test 测试 | Data 数据 | Value 数值 |
|--|---|------------------------------------|
| ASTM C 67 Water absorption 美国材料试验学会标准 吸水率 | 48 hrs submersion 5 hrs @ boiling point 48 小时浸没 5小时沸点 | Low air content .10% 低空气含量 10% |
| ASTM C 67 Water absorption 美国材料试验学会标准 吸水率 | 48 hrs submersion 5 hrs @ boiling point 48 小时浸没 5小时沸点 | Normal air content .18% 正常空气含量 18% |
| ASTM C 67 Freeze/thaw 美国材料试验学会标准 冻结/融解 | Ponded with 2% cacl2 15 hrs freeze 0°C 7 hrs thaw ambient 解冻环境 | No damage 无害 |
| ASTM C 67 2 Freeze/thaw 美国材料试验学会标准 冻结/融解 | Chloride content non-air entrained 氯化物含量的非空气夹带 | 1.1% @ 2.45 cm |
| ASTM C 67 2 Freeze/thaw 美国材料试验学会标准 冻结/融解 | Chloride content air entrained 空气夹带的氯含量 | 1.25% @ 2.45 cm |
| ASTM G 23-69 美国材料试验学会标准 | Salt degradation Inspection 检查 | .21% Visual 视觉 |
| ASTM E 42-65 accelerated weathering 美国材料试验学会标准 | 4000 hrs slight film loss Water uptake (retained at 4000 hrs) permeability 4000小时轻微的膜的损耗 水吸收 渗透性 (保持4000小时) | 15% |
| ASTM E 42-65 accelerated weathering 美国材料试验学会标准 | Chloride weathered 氯化风化 | 7% |
| ASTM E 42-65 accelerated weathering 美国材料试验学会标准 | Chloride unweathered 氯化未经风化 | 1.5% |
| ASTM E 42-65 accelerated weathering 美国材料试验学会标准 | CO2 weathered 二氧化碳风化 | 18% |
| ASTM E 42-65 accelerated weathering 美国材料试验学会标准 | CO2 unweathered 二氧化碳未经风化 | 7% |

* Data based on laboratory tested materials.

* 数据源自于测试中心所测试的物料

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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。

Limited Warranty 有限保修

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