

Acrylic Series + Water-Based Acrylic Sealer

PE700219 • PE700220 • PE700221

1- Product Description

Acrylic Series + Water-Based Acrylic Sealer is a high solids content water-based sealant. The sealant allows the concrete to develop its full potential in terms of strength gain, durability, waterproofing, and wear resistance. As *Acrylic Series + Water-Based Acrylic Sealer* complies with environmental standards (VOC), its application is safe and promotes resistance to dirt pick-up. The product is formulated with a 100% acrylic resin resistant to efflorescence and UV. *Acrylic Series + Water-Based Acrylic Sealer* does not generate white spots upon contact with water.

The *Acrylic Series + Water-Based Acrylic Sealer*, is recommended for low odors applications, and area where COV and anti-dust norms must be respected, areas like, warehouses, office or municipal buildings, and food processing plant, the application of the *Acrylic Series + Water-Based Acrylic Sealer* on paving stone is not recommended.

2- Coverage

The amount to be applied depends on the concrete texture and porosity. Two coats may be applied where extra protection is desired.

Curing / sealing, fresh concrete:

900mL covers ± 8,3 m² (1L covers ± 90 ft²)
 3,7L covers ± 34 m² (1 gal covers ± 370 ft²)
 18,9L covers ± 174 m² (5 gal covers ± 1873 ft²)

Sealing / protection against dust on old concrete:

900mL covers ± 8,8 m² (1L covers ± 95 ft²)
 3,7L covers ± 36 m² (1 gal covers ± 390 ft²)
 18,9L covers ± 184 m² (5 gal covers ± 1990 ft²)

3- Characteristics & Advantages

Acrylic Series + Water-Based Acrylic Sealer formulation offers a very low level of odor and dries to form a clear protective, transparent, medium gloss (semi-gloss finish) film. It adheres well to concrete surfaces and provide excellent protection properties namely against contaminants, dirt, and a variety of mild chemicals.

It is mainly recommended to protect Acrylic coatings applied on horizontal surfaces.

- Low odor.
- Excellent curing and sealing properties.
- Compliant with VOC formulations.
- Compatible with most tile adhesives and paints.
- Protects from dirt and mortar drops.
- Easy to spray and apply.
- Made to be applied on, concrete, fresh concrete (12hrs after being poured), and stamped concrete.

4- Use

The use of *Acrylic Series + Water-Based Acrylic Sealer* on plain pavement is not recommended.

5- Maintenance

On a floor the *Acrylic Series + Water-Based Acrylic Sealer* can be washed with the *Texnov Surface Cleaner* (dilution 1 *Surface Cleaner*: 9 water) once a year. The average wear of a floor requires the laying of a new layer of *Acrylic Series + Water-Based Acrylic Sealer* once every 3 to 5 years.

Acrylic Series + Water-Based Acrylic Sealer

PE700219 • PE700220 • PE700221

6- Application

Apply the product early in the morning or in the shade. Avoid rain. The temperature of the concrete and the air must be 12°C to 25°C. A high degree of relative humidity or lack of air circulation may delay the drying process. Do not apply if it has rained within the past 24 hours or is expected to rain within the next 24 hours.

1. Prepare the surface before application. Old concrete must be clean and free of oil, grease and loose debris. Use a pressure washer to achieve a clean surface.
2. Apply by roller, spray (hand or electric) or sheepskin.
3. Use directly from the container without diluting, stir well and apply a uniform and homogeneous layer. Avoid heavy build-up of the product. Do not form puddles (which may remain white) or excess foam.
4. Wait 24 hours between each coat.
5. Protect the surface from inclement weather and other damage until the sealer has been fully cured.
6. Clean tools and equipment with water.
7. The sealer will wear off with use over time. Reapplying the product periodically is recommended.

7- Storage

Acrylic Series + Water-Based Acrylic Sealer must be stored at 5°C or above in well-sealed containers. Protect the product from frost. Once the product to freeze, it is unusable. The shelf life of the product is 3 years.

8- Transport conditions

Shipping Name: Not applicable.

TDG Classification: Not regulated.

Note: This product requires no special measures during International transport.

9- Physical Properties

Standards: ASTM C-309 // ASTM C-1315	
% of solids:	30%
Gloss:	Medium
UV resistance (1000 h)	Successful
VOC, g/L	< 100
Salt spray resistance in hours At 5%, 95°F. - Method # 6061	750 h (Successful)
Touch dry	60 min
Water retention, kg/m ² , ASTM C-156	0.38
Compliance: ASTM C-1315, Class B	Successful
Compliance: ASTM-C-309	Successful