



## NATURAL LOOK PAVER PROTECTOR (iN)



### UPDATE

**February 4, 2011**

Make sure that you have an up-to-date technical data sheet in hand by consulting our Web site: [techniseal.com](http://techniseal.com)  
U.S.A. and Canada: dial 1 800 465-7325  
Others: dial (514) 523-8324 (Canada)

### APPLICATIONS

- Recommended for pool decks, patios, walkways and retaining walls

### PROPERTIES

- Preserves the natural color of pavers
- Penetrating. will not make surfaces more slippery
- Water-based

### DESCRIPTION

TECHNISEAL<sup>®</sup> NATURAL-LOOK PAVER PROTECTOR (iN) is a matte-finish penetrating sealant specially designed to protect porous materials. Its distinctive feature is its ability to protect without changing the appearance of the surface. As an oil repellent, it makes cleaning easier by preventing oil, grease (barbecue) and dirt from penetrating the material. As a water-repellent, it helps prevent the appearance of mold and protects against water damage. Easy to apply, it provides maximum effectiveness and durability. It won't make surfaces more slippery and hence is ideal for protecting pool decks, patios, steps, sidewalks, etc. It resists the elements (freeze-thaw cycles, sun, rain, etc.), as well as salt. Water-based, NATURAL-LOOK PAVER PROTECTOR does not give off unpleasant fumes and is environmentally friendly.

### DIRECTIONS

#### BEFORE YOU BEGIN:

Wear adequate protective clothing.

**ALWAYS TEST** the product on a small hidden area of approximately 4 sq. ft. to ensure the results will meet your expectations.

Do not thin or dilute. Keep from freezing.

Apply only to bare material or to material that has been previously sealed with this product.

**Recoating:** Wait until the pavers are no longer water-repellent before recoating (between 3 and 5 years). Consult [techniseal.com](http://techniseal.com) for more information on water repellency.

Follow priming instructions properly when recoating.

**New concrete pavers:**

Efflorescence (whitish salt) may appear on such materials within 60 days following installation. It is suggested to wait at least 60 days before cleaning and sealing. Applying a PROTECTOR before 60 days may cause blotchiness of the surface.

**Newly installed polymeric sand:** Wait at least 30 days before cleaning and sealing pavers.

Results will vary according to paver type and porosity.

**Proper surface priming is essential****PREPARATION:**

**Stain Removal:** If necessary, remove any stains (oil, rust, etc.) from the surface using the appropriate TECHNISEAL® stain remover.

**Priming:** This step is essential to obtain optimal results. Prime the entire surface by removing all efflorescence and ground-in dirt. This allows the PROTECTOR to better penetrate the surface. Use TECHNISEAL® PAVER PRIMER/ EFFLORESCENCE CLEANER for pavers with efflorescence or pavers less than 5 years old. Use Techniseal® HC HARDSCAPE CLEANER for surfaces without efflorescence or pavers more than 5 years old.

Proper rinsing is essential..

**APPLICATION:**

Surface must be clean, dry (24 hours without precipitation) and warm to the touch (morning). Joints must also be dry. Temperature must be between 50°F and 80°F, and rain should not be forecasted over the following 24 hours. Sprinklers must be shut off. For optimal results, apply product under constant weather conditions and using the same application method from start to finish. Shake container or stir product before use.

**Work in sections no larger than 100 sq. ft.**

**Roller application:** Using a regular foam roller (non-slit) and a paint tray, saturate the surface of a section with a first coat of PROTECTOR.

**Sprayer application:** Soak the surface of a section using an airless or pump sprayer.

On the same section, apply a second coat before the first one has dried (wet on wet). As each coat is being applied, back-roll any excess of PROTECTOR with a foam roller, before it dries. Leaving excess PROTECTOR on the surface may cause dirt pick-up later on.

Do not apply more than 2 coats. Stepping on freshly applied PROTECTOR could leave PERMANENT marks on pavers.

Let dry for 24 hours before walking on the surface and 48 hours before allowing traffic.

**Cleaning of tools:** Use water and soap.

**COVERAGE**

1 gal. covers up to 120 sq. ft. for a two-coat application. The application of two coats is mandatory.

Cleaning yearly with TECHNISEAL® HC HARDSCAPE CLEANER will keep pavers looking fresh.

**STORAGE and SHELF LIFE**

Product must be kept in its original, unopened and tightly sealed container, and stored in a dry and well ventilated place with controlled temperature (40°F to 75°F). Keep sheltered from weather and direct sunlight. In proper storage conditions, the product's shelf life is minimum 12 months following production (see date on packaging).

**PACKAGING**

Product Code	Pro Size	Units per box	Units per pallet
121-313	1 gal.	4	180
121-316	5 gal.	-	48
221-318	55 gal.	-	4

**TECHNICAL DATA**

	Result	Test / Method
Liquid Color	Clear to light amber	Visual evaluation
Liquid Odor	odorless	Visual evaluation
Density	1.07 g/L	ASTM D 1475
Viscosity	5 to 10 cPs	Brookfield LV2 @ 60 rpm
pH	8.0 ± 0.2	pH meter @ 22°C (72°F)
VOC	≤ 100 g/L	ASTM D3960-05 (EPA 24)
Flash Point	≥ 100°C (212°F)	ASTM D56-05
Freezing Point	≤ 0°C (32°F)	ASTM D2243
Boiling Point	≥ 100°C (212°F)	ASTM D2243
Soluble in water	Yes	
Vapor Pressure	Same as water	
Evaporation rate	0.36 (BuAc = 1)	
Vapor Density	Same as water	
Slipperiness	No change versus bare surface	ASTM F1679-04
Color Change	ΔE ≤ 1.0 (no visible change)	Colorimeter Konica Minolta, TS-LI-006
UV resistance	No visible change @ 250 hours	ASTM G154-06
Water repellency	Excellent	Evaluation on paver, stone and concrete
Oil repellency	Excellent	Evaluation on paver, stone and concrete
Stain Resistance	Very Good	Treated versus untreated cleaned @ 6 hours based on ASTM D-1308-02

**WARNING**

Contains Proprietary Fluoropolymers and Water 7732-18-5. Avoid breathing vapors or mists. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Keep container closed when not in use. **KEEP OUT OF REACH OF CHILDREN. FIRST AID: Eye Contact:** Immediately flush eyes with water and call a physician. **Skin Contact:** Wash thoroughly with soap and water. Get medical attention if irritation persists. **Inhalation:** move to fresh air. Get medical attention if irritation or other symptoms develop and persist. If shortness of breath develops, get immediate medical attention. **Ingestion:** If conscious, rinse mouth with water. Immediately call a physician or poison control center. Calculated VOC: <100 g/L

**FOR MORE INFORMATION, CONSULT THE MATERIAL SAFETY DATA SHEET.**

**SHIPPING**

**Land and sea**

NOT REGULATED

**LIMITED WARRANTY**

Manufacturer, having no control over the use of the materials, does not guarantee finished work. Replacement of any defective product shall be the buyer’s sole remedy under this warranty. A proof of purchase will be required for any claim. Before using this product, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. User shall test product in a small inconspicuous area (approx. 4 sq. ft.) under projected conditions of use. In the event that no test was carried out, the warranty will only apply to 4 sq.ft. (0.4 m²). This limited warranty excludes any liability for any consequential, incidental, indirect or special damages. Except for the limited warranty made above, manufacturer specifically disclaims and excludes any other express warranty, any implied warranty of merchantability of goods and implied warranty of fitness of goods for any particular purpose.