

PRODUCT DESCRIPTION: ROVAL PENETRATING TILE & GROUT SEAL is a water based, silicone system formulated for use as a “natural look” sealer for a variety of porous clay, masonry and natural stone surfaces. PENETRATING TILE & GROUT SEAL dries with an invisible barrier that will not change the appearance of the surface to which it is applied. This product reduces the damaging effects of the environment by helping to control the effects of freeze/thaw cycles on exterior surfaces. PENETRATING TILE & GROUT SEAL is excellent for use as a grout release on porous tile and as a primer to be top coated with water based clear coats and water based acrylic latex paints.

RECOMMENDED FOR USE ON: Mexican Saltillo clay tiles, brick, flagstone, slate, quarry tile, stucco, natural stone, flamed and textured stone, concrete tiles, marble, limestone, grout and similar porous masonry surfaces.

NOT RECOMMENDED FOR USE ON: Smooth, dense or impervious surfaces, such as glass, metal, plastic or glazed ceramic tile.

SURFACE PREPARATION: Always test this product first in several in-conspicuous areas on the surface to which it is to be applied, to ensure suitability for your intended use and before attempting the entire sealing process. All surfaces must be clean, dry and porous, free from all loose debris, dirt, dust, grease, silicones, waxes, oils, cleaners, grout releases and foreign material. Substrate temperature must be between 40° F and 90° F. If necessary, the surface may be cooled by wiping with a damp terry cloth type rag before applying.

SPECIAL NOTES:

1. Do not apply PENETRATING TILE & GROUT SEAL when raining or when rain is expected within 2 hours of application.
2. Protect all surrounding non-masonry and painted surfaces from exposure to PENETRATING TILE & GROUT SEAL to prevent staining. Adjacent and surrounding surfaces that have been exposed to PENETRATING TILE & GROUT SEAL should be washed immediately with soap and warm water.

APPLICATION INSTRUCTIONS: PENETRATING TILE & GROUT SEAL may be applied with a nylon or synthetic brush, sponge, paint roller, clean rag resistant to high alkaline solutions, or a low pressure hand pump sprayer with fittings and gaskets suitable for alkaline solutions. Apply PENETRATING TILE & GROUT SEAL in an even and uniform manner, leaving no puddles or voids. Apply sufficient material only to the point of saturation, avoiding the use of excessive amounts of sealer and overlapping. Brush out runs and drips immediately. Any material not absorbed within 1 to 2 minutes must be removed before drying on the surface. PENETRATING TILE & GROUT SEAL should dry to the touch in 10 to 30 minutes when the temperatures are above 50° F. Drying time may increase beyond 1 hour in cool and/or damp conditions. When applying PENETRATING TILE & GROUT SEAL on a vertical surface, always start at the top and work down, avoiding drips, overlapping, runs and sags.

SPECIAL PRECAUTIONS:

1. Do not apply PENETRATING TILE & GROUT SEAL too heavily on dense or dark colored surfaces, as this may cause it to dry with a white crust or film. Apply sealer at higher coverage rates or thin the sealer 3 parts sealer to 1 part water and apply at high rates. This will usually prevent any discoloration. White precipitate can be removed using a solution of 1 quart ROVAL NU-CLEAN CONCENTRATE CLEANER mixed with one gallon clean water. Apply the solution to the surface with a nylon bristle brush or abrasive pad, double rinse with clean water and allow to dry.
2. Once PENETRATING TILE & GROUT SEAL has fully cured, it cannot be recoated and will repel itself.
3. Clean all tools with soap and warm water immediately after use.
4. PENETRATING TILE & GROUT SEAL will not repel oil.

SAFETY & HANDLING:

Warning! Corrosive!

Contains small amounts of potassium hydroxide. Always wear protective clothing, chemical resistant gloves and protective eyewear. Do not swallow or inhale mist.

Protect product from freezing.

Never pour unused material back into original container.

Keep away from children!

COVERAGE IN SQUARE FEET PER GALLON: The following rates are estimates and actual application rates will vary due to the different porosity levels and the variety of surfaces on which this product can be used.

Mexican Saltillo: 125-200.

Honed Marble, Granite: 1000-1500.

Quarry Tile: 350-700.

Brick: 250.

Polished Limestone: 650.

Rustic Limestone: 300.

PACKAGE SIZE: 12/1 quart case, 4/1 gallon case, 5 gallon pail, 30 and 55 gallon drums

TECHNICAL PROFILE:

Viscosity:	Water Thin
Solvent:	Water
Active Solids:	10%
Spec. Gravity:	1.04
Appearance:	Water Clear Liquid
pH:	10.5
Shipping Name:	Potassium Hydroxide Solution

