



## TECHNICAL DATA SHEET

# MOISTURE STOP +

Penntek Moisture Stop + is water based colloidal silicate densifier, which is non-hazardous, zero VOC's, and creates a permanent integral barrier that both densifies concrete through increased hydration and protects concrete from chemical attacks from a greatly reduced permeability. Moisture Stop is a proprietary formulation in an aqueous base which is safe and easy to apply.

### BENEFITS AND FEATURES

- Foot traffic in 6 hours
- Easy spray application
- Zero residue or surface film left behind
- Deep penetrating formulation
- Extreme moisture vapor barrier
- Zero VOC's
- Reduces permeability by 90%

### USES AND APPLICATIONS

- Showrooms
- Basements
- Garages floors
- Offices
- Restaurants
- Bathrooms
- Entry ways
- Commercial/industrial applications
- Car dealerships

### SURFACE PREPARATION

It is highly recommended to thoroughly clean and/or vacuum the concrete surface prior to the application of Moisture Stop +. This is done to minimize surface cement dust and the unwanted surface reaction with topically present free alkali. A clean, virtually cement dust free surface ensures a maximum depth of penetration for the Moisture Stop +.

### PACKAGING

Available in 5 and 55 gallon containers

### PRODUCT CURE TIMES

Tack Free Time @ 70 Degrees	4 Hours
Full absorption	6-10 Hours
Foot Traffic	6 Hours
Re Coat	24-48 Hours

### RECCOMENDED USES

Moisture Stop + is recommended as a densifier and moisture vapor blocker prior to the application of cementitious overlays, coatings, traditional flooring materials, and in concrete polishing applications. It can be used for related decorative concrete applications including flatwork, stamped and textured concrete, concrete counter tops, concrete masonry units, stucco, mortar, grout, and most any other Portland cement based surface.

### APPLICATION

Moisture Stop + can be applied to concrete after 14 days. Before applying, ensure that any previously applied sealer or other contaminant clogging the porosity of the concrete has been removed by mechanical abrasion. Ensure surface porosity by testing with a small amount of water. If the water stains the concrete immediately and disappears within 3-4 minutes into the surface, there is excellent porosity. If there is a delay in the darkening of the surface, or the water evaporates at a faster rate than penetration, or if you notice any surface water beading, the surface is not porous and needs further mechanical abrasion.

### RECOMMENDED COVERAGE RATES

Apply Moisture Stop + at a coverage rate of 200 sq ft per gallon on broom finished surfaces and 200-225 sq ft per gallon on hard trowel finished floors. For best results, use a hudson sprayer and apply with a 50% overlap in a single pass. On vertical surfaces, begin the application at the lowest point in elevation and work toward the highest point in an east-west manner, where north points toward the highest elevation point.

### MIXING RATIO: Single Component

Always pre mix material before application



**PENNTEK**  
INDUSTRIAL COATINGS



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### REDUCERS

Moisture Stop cannot be reduced

### STORAGE

All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight. Shelf life of unopened containers is 24 months.

### CLEAN UP

All tools should be cleaned with MEK or Acetone as soon as possible after application.

### CAUTION

Moisture Stop + achieves best results if ambient temperatures are above 40°F (4.4°C) and below 90°F (32.2°C). Extreme weather conditions such as high wind or applications in full sun at high temperature will cause premature drying. In such extreme cases, mist the surface to be treated with water and apply Moisture Stop + to the moistened surface. This allows the surface to stay wet long enough for increased reactivity and penetration.

### WARRANTY

Penntek Industrial Coatings warrants to the purchaser of its products that such products are free from manufacturing defect. Penntek Industrial Coatings does not warrant or guarantee the workmanship performed by any person or firm installing its products. Penntek Industrial Coatings obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Penntek Industrial Coatings sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and examination shall disclose to Penntek Industrial Coatings satisfaction to be thus defective.

**Please read material safety data before using product.**

### Disclaimer:

All statements and recommendations are based on contractor experience and is believed to be reliable. Penntek Industrial Coatings make no warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for its intended use shall be solely up to the user. Penntek Industrial Coatings reserves the right to investigate any misuse of products and information.