

SS-10 (Reactive Penetrating Sealer)

INNOTECH SS-10 is a solvent-based, reactive penetrating sealer made of a blend of Silane and Siloxane to protect concrete surfaces from staining, freeze-thaw and salt damage. Siloxane, with its larger molecular structure guards the surface concrete, while the Silane penetrates deeply to protect steel wire and rebar. Due to its chemical make up and reactive properties, INNOTECH SS-10 creates a strong bond with the substrate and helps to reduce efflorescence and surface scaling.

Product Features and Benefits

INNOTECH SS-10 ...

- Freeze-Thaw protection.
- Salt Protection.
- Non film forming/Non slip.
- Does not alter appearance of the surface.
- Helps reduce efflorescence.
- Reduces surface scaling.
- Low VOC.
- Can be applied over a surface that has been previously sealed with a solvent-based cure and seal/acrylic sealer.

Prior to Application

- Surface should be cleaned with a 3,000 psi pressure washer. If grease, oil or other contaminants exist, clean thoroughly with INNOTECH CONCRETE DEGREASER & NEUTRALIZER†, rinse thoroughly and let dry 24 hours prior to applying sealer.
- If concrete being treated is smooth, it is recommended that INNOTECH CON-CLEAN† be used to provide a micro etch to the surface. Rinse and allow to dry as outlined above prior to application.

Product Application

Warning: Do not apply INNOTECH SS-10 to fresh concrete. INNOTECH SS-10 is not a curing compound. For ideal results, allow concrete to cure for 28 days or longer prior to application. Surface temperature should be between 50° F - 90° F.

- INNOTECH SS-10 should be applied undiluted with a professional quality pump-up sprayer with a suitable tip.
- Hold tip 8-10" from the surface to be sealed.

Important: Do not allow INNOTECH SS-10 to puddle during application. Apply the sealer as uniformly as possible without leaving either gaps in coverage or puddles. Multiple thin applications will produce better results than one single, heavy application.

- Two light even coats of INNOTECH SS-10, at the recommended coverage rate/to the point of rejection are usually sufficient to seal and protect.
- It is recommended to back roll immediately to ensure that there is no puddling and that the product is evenly distributed across the substrate.
- If after 3-5 minutes, product isn't absorbing, move applied product to more porous areas of the substrate. In areas where it is too readily absorbed, apply additional INNOTECH SS-10 to even out application.
- Because of the low viscosity of the material, care must be taken during the rolling of this material to avoid puddling.
- Do not apply INNOTECH SS-10 over water-based curing or sealing compounds.
- If applying to a vertical surface spray from the bottom of the wall upwards so that it will run down the surface at least 6 inches below the spray pattern.

Product Limitations

Warning: These products are flammable.

- Keep away from heat, sparks, and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent buildup of vapors by opening all windows and doors to achieve cross-ventilation. Only use these products with adequate ventilation.
- Do not breathe vapors or spray mists. Wear a proper vapor respirator and ensure fresh air entry during application and drying.
- Do not apply when concrete surfaces or ambient temperatures are below 50 °F and above 90 °F. Use with adequate ventilation and keep away from open flames.
- Failure to remove dirt and debris from the surface or failure to properly clean the surface will result in premature wear and will impair penetration and adhesion.

Technical Information

Please refer to the corresponding SDS for hazard-related information.

- VOC: <200 g/L
- Solids Content:..... 10%
- Flash Point:..... 40 °F
- DOT: UN1263/Paint/3/PGII
- Solvent: Aromatic Petroleum Naphtha & TertButyl Acetate

Available Packaging and Coverage Information

Packaging: INNOTECH SS-10 is available in 5-gallon pails.

Coverage rates may vary depending on the texture, porosity, condition of the concrete, the application method, and other local conditions.

Two light coats at the recommended coverage rates are usually sufficient to seal and protect.

- **Smooth Finish:** 300 s.f. per gallon/coat.
- **Rough or Broom Finish:** 200 s.f. per gallon/coat.
- **Exposed Aggregate:** 100 s.f. per gallon/coat.
- **For Best Results:** Apply to the point of rejection.

Product Shelf Life/Storage

INNOTECH SS-10 should be stored indoors and away heat, direct sunlight and sources of ignition. Do not allow product to freeze.
Shelf life: Two years (24 months) from date of manufacture in unopened, original container.

Product Handling

Prior to using INNOTECH SS-10, please reference the corresponding Safety Data Sheet to ensure safe handling.

Product Warranty

INNOTECH SS-10 is a proprietary product, warranted to be of uniform quality within our stringent manufacturing tolerances. As no control is exercised over the product use, no warranty is made as to the effects of such use (neither expressed or implied). Obligation of the seller and manufacturer under this warranty shall be limited to a refund of the purchase price of that portion of the material proven to be defective. The user assumes all other risk and liability resulting from uses of this product. Contact INNOTECH with any questions regarding this policy.

†PLEASE REFER TO CORRESPONDING TECHNICAL BULLETIN FOR PRODUCT AND APPLICATION DATA.

INNOTECH SS-10 and other INNOTECH products are for professional use only.

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INNOTECH products can be purchased at:



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