

PermaSeal

INNOTECH PERMASEAL is a water-based, low VOC, single component, epoxy-modified, film-forming low gloss sealer.

Product Features and Benefits

INNOTECH PERMASEAL...

- Dries crystal clear creating a finish that ranges from a satin sheen to a semi-gloss, depending on the surface and number of coats.
- Performs well inside and outside, on both new and old surfaces.
- Is appropriate for cast-in-place concrete, or decorative stamped and patterned concrete that has been treated with any INNOTECH coloring system such as INNOTECH INTEGRAL COLORS[†], INNOTECH COLOR HARDENER[†], INNOTECH MICRO-TOPPING[†], INNOTECH STAMPABLE OVERLAY[†], INNOTECH CHEMICAL STAIN[†] or INNOTECH LIQUID DYE CONCENTRATE[†].
- Can also be applied to concrete and clay pavers, natural stone, porous tiles and Terrazzo.
- Will not show wear patterns and topical resealing can be carried out more frequently, in high traffic areas.

Product Application

Warning: Allow one to seven days for concrete to cure before application of INNOTECH PERMASEAL. The concrete should appear dry on the surface.

- Surfaces must be thoroughly cleaned and dry prior to the application of INNOTECH PERMASEAL. To clean use INNOTECH CONCRETE DEGREASER & NEUTRALIZER[†], INNOTECH FLOOR CLEANER[†] and/or INNOTECH CON-CLEAN[†] for fast, efficient removal of staining, oils, dirt, soils, and efflorescence.
- INNOTECH PERMASEAL should be evenly applied to the surface using a low pressure bulk or pressure regulated pump up sprayer with a nozzle pressure not exceeding 25 psi.
- INNOTECH PERMASEAL should be back rolled with a roller, mop or micro-fiber pad applicator to ensure an even consistent application on the surface.
- The treated area should be protected from rain or moisture and not be open to any traffic until 24 hours after completion of application.
- Work must cease in inclement weather (i.e.: Rain, strong winds or temperatures below 45 °F).

Surface Protection

- INNOTECH PERMASEAL will wear evenly even in high traffic areas.
- Areas that require more maintenance and cleaning can be resealed more frequently or as necessary. Resealed areas will not show vast differences in most cases so topical work can be done.
- INNOTECH PERMASEAL is compatible with maintenance topcoats such as INNOTECH INTERIOR FLOOR FINISH[†] (gloss) and INNOTECH NATURAL BEAUTY[†] (matte).
- Always test an inconspicuous area to ensure proper physical and aesthetics results.

Maintenance

- **Day-to-Day Cleaning:** Like all surface sealers, INNOTECH PERMASEAL must be kept clean for maximum durability and protection. Frequent sweeping or vacuuming of loose soils will significantly increase the wear-life of INNOTECH PERMASEAL.
- **Maintenance Cleaning:** Clean sealed surfaces with INNOTECH FLOOR CLEANER[†] (a water-based detergent cleaner), diluted 3-oz. of product to 1-gallon of water, rinse and let dry.
- **Removing Ground-in Soils:** for removal of ground-in soils, use INNOTECH FLOOR CLEANER[†] scrub with a low-speed buffer. Rinse by pressure washing thoroughly and let dry before allowing traffic.
- Remove INNOTECH PERMASEAL using INNOTECH SEAL STRIP[†].

Product Limitations

- Do not allow product to freeze.
- A minimum temperature of 45 °F must be maintained for a period of 24 hours prior to application.
- Completion of a product sample for a customer is recommended to ensure both the proper physical and aesthetic appearance and properties prior to starting a project.
- It is important to maintain material on the surface in order to provide protection for the concrete and any coloring system on decorative concrete surfaces.
- INNOTECH PERMASEAL is not acid resistant so detergent and non-citric acid based cleaners, such as INNOTECH FLOOR CLEANER[†] should be compatible and used for cleaning and regular maintenance.

Dry Time

Drying times will vary depending on surface porosity, temperature, humidity and local conditions.

- **Set to Touch:** 20-60 minutes following application.
- **Re-coat:** Surface can be re-coated 20-40 minutes after each application.
- **Light Foot Traffic:** Light pedestrian traffic can be allowed 24 hours after final coat.

Available Packaging

INNOTECH PERMASEAL is available in 1- and 5-gallon containers.

Coverage Information

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

- **Rough or Broom Finish:** Approximately 150-250 s.f. per gallon, per coat.
- **Smooth Finish:** Approximately 200-400 s.f. per gallon, per coat.

Applicable Standards

Conforms to ASTM C 1028-89 for skid resistance.

Technical Information

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

- Color Milky white (dries clear)
- Odor Slight ammonia odor
- Specific Gravity 0.95 – 1.2 (water = 1)
- Vapor Density 17 @ 68 °F (20 °C) est.
- Flash Point Non-combustible
- VOC Content..... <130 grams/liter

Product Shelf Life/Storage

Store INNOTECH PERMASEAL indoors, away from heat or sunlight at a minimum temperature of 40 °F. Do not allow product to freeze. Shelf life: 12 months.

Product Handling

Prior to using INNOTECH PERMASEAL, please reference the corresponding Material Safety Data Sheet to ensure safe handling.

Product Warranty

INNOTECH PERMASEAL 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. *Innotech is a registered tradename of CHROMASYSTEMS LLC, an Ohio company.*

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

INNOTECH PERMASEAL and other INNOTECH products are for professional use only.

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INNOTECH products can be purchased at:



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