

# Stain-Guard

INNOTECH™ STAIN-GUARD is a high gloss protective micro-guard for Polished Concrete. This product is made from a unique blend of specially selected micro-polymer hybrids designed to form a durable high-gloss protective micro-finish on and in polished concrete. INNOTECH STAIN-GUARD develops rapid hardness, scratch, scuff, water and stain resistance.

## Product Features and Benefits

### INNOTECH STAIN-GUARD...

- Provides outstanding floor protection and appearance over extended periods of time.
- Protects with an easy 1-2 coat application.
- Rapidly cures into a durable finish for facilities that require maximum protection with little to no downtime.
- Requires no special burnishing technique for curing or gloss development.
- Has excellent flow and leveling properties, is easy to apply.
- Will not contribute to alkali-silica reactivity (ASR).
- Increases abrasion resistance and extends service life of the floor.
- Provides a non-slip surface exceeding ASTM Test D 2047.
- Resists strong cleaning chemicals, solvents, oils and many acids.
- Forms a protective shield for color retention that is glossy and UV-Resistant.
- Treated surfaces require no waxing and provides immediate High Gloss Shine.
- Can be buffed to restore original shine.

## Product Application

- Surfaces must be clean, dry and free of dirt grime and other substances.
- Apply INNOTECH STAIN-GUARD in 1-2 thin, even coats using one of the following methods:
  - *Standard Mop Method:* Using a quality synthetic rayon string mop with looped ends, dip mop in bucket and ring out and apply.
  - *Spray and Spread Method:* Apply with a pump-up sprayer and then spread using a flat microfiber pad applicator.
  - *Spill and Spread Method:* Pour product directly on the floor and then spread with a flat microfiber pad.
- For optimal results, allow a minimum of 45 minutes of dry time between coats.
- For higher gloss, increased durability and surface protection, the surface treated with INNOTECH STAIN-GUARD should be burnished with high-quality synthetic/hog hair blend pads. The surface can be burnished 45 minutes following application. Use a 1000+ rpm buffer with thermal gloss pads to achieve optimal results.

## Product Limitations

- This product is for interior use only.
- **DO NOT USE** acidic or citrus cleaners to maintain the floor.

## Maintenance

- *Cleaning:* Routine sweeping, mopping, washing and mechanical scrubbing of floors with a neutral pH cleaners such as INNOTECH FLOOR CLEANER<sup>+</sup> is recommended.
- *Re-Coat:* Surfaces treated with INNOTECH STAIN-GUARD should be recoated approximately every 3-6 months, depending on the type and amount of traffic. Clean the floor using INNOTECH FLOOR CLEANER<sup>+</sup> with and automatic scrubber, rinse and let dry prior to application.

## Available Packaging and Coverage Information

**Packaging:** INNOTECH STAIN-GUARD is available in a 5-gallon Twin Pack (2 x 2.5 gal. bottles/box).

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

- Coverage is approximately 1,500-2,000 s.f. per gallon (on smooth surfaces).

## Product Shelf Life/Storage

Store INNOTECH STAIN-GUARD indoors, away from heat and direct sunlight. Do not allow product to freeze. Shelf Life: 12 months.

## Applicable Standards

INNOTECH STAIN-GUARD complies with the following regulations and requirements:

- ASTM D 2047: Slip-Resistance
- ASTM D 523: Gloss (90)
- VOC: Less than 50 grams g/l
- May contribute to earning LEED credits for Indoor Environmental Quality, EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings, based on low contributions of VOC.

## Technical Information

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

- Color ..... White, stale emulsion
- Odor ..... Mild, sweet
- Specific Gravity ..... 1.04
- Solids Content ..... 17.5%
- pH ..... 7.8 +/- 0.2
- Density ..... 8.5 lbs./gal.
- Flash Point ..... None (C.O.C. Method)

## Product Handling

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

## Product Chemical Resistance

### Resistance Testing Data:

Scale 1 - 5:

- 1= Destroyed
- 2= Severe attack with staining or dulling
- 3= Minor attack with staining or dulling
- 4= Intact with minor stain or dulling
- 5= No effect

	1 hour	4 hours	24 hours
<b>Mustard</b>	4	4	3
<b>Ketchup</b>	4	4	3
<b>Olive Oil</b>	5	5	5
<b>Vinegar</b>	4	4	4
<b>Water</b>	5	5	4*
<b>Lemon Juice</b>	5	5	5
<b>Tea</b>	5	5	5
<b>Balsamic vinegar</b>	5	5	5
<b>V8 Juice</b>	5	5	5
<b>Orange Juice</b>	5	5	5
<b>Coffee</b>	5	5	5
<b>Cola</b>	5	5	5
<b>Transmission Fluid</b>	5	5	5
<b>Motor Oil</b>	5	5	5
<b>Household Bleach</b>	4	4	4
<b>Gasoline</b>	3	3	2
<b>Urine</b>	5	5	5
* Complete recovery			

## Product Warranty

INNOTECH STAIN-GUARD 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 CORRESPONDING TECHNICAL BULLETIN FOR PRODUCT AND APPLICATION DATA.

INNOTECH STAIN-GUARD and other INNOTECH products are for professional use only.

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