

# INSTA GUARD®

CP-598

## PROTECTIVE MICRO-GUARD FOR POLISHED CONCRETE

**DESCRIPTION:**

INSTA GUARD® is a unique blend of specially selected polymer hybrids combined to form a durable high gloss protective micro-finish for polished concrete. INSTA GUARD develops rapid hardness, scratch, scuff, detergent, and water resistance. INSTA GUARD has excellent flow and leveling properties and is easy to apply. INSTA GUARD provides outstanding floor protection and appearance over extended periods of time, providing a savings in labor and materials. INSTA GUARD exceeds the Coefficient of Friction safety standards of ASTM Designation D-2047 and ANSI/NFSI B101.1-2009.

**APPLICATION:**

Surfaces shall be dry, structurally sound, clean and free of dirt, grime and other foreign substances. Apply one to two thin, even coats of INSTA GUARD with a pump-up sprayer and flat-pad microfiber applicator by "spray and spread" technique or using standard application procedures with a good quality rayon or synthetic blend string mop by "mop and bucket method". For optimal results, allow 45 minutes of dry time between coats.

**HIGH SPEED BURNISHING:**

For optimal curing, safety, durability and surface protection, the final coat of INSTA GUARD should be high speed burnished with a high quality white poly pad after 45 minutes of dry time. For the highest gloss, synthetic/hog hair blend pads can be used after the initial burnish with the white poly pad.

**MAINTENANCE:**

Use SURTEC LF-150 heavy duty detergent at 2 ozs. per gallon for routine automatic scrubbing or damp mopping. Allow the floor to dry and burnish if desired for gloss enhancement or repair.

**RECOAT:**

The typical recoat cycle for INSTA GUARD is every 3 to 6 months depending on the amount and type of traffic. Scrub the floor with a low speed buffer or automatic scrubber and blue or green (medium scrub) pads using SURTEC HC-150 or LF-150 Heavy Duty Cleaners at a dilution of 2 - 4 ozs. per gallon of water. Rinse the floor with clean water and let dry before applying INSTA GUARD.

**SPECIFICATIONS:**

COLOR: .....	Milk white, stable emulsion, dries clear
ODOR: .....	Sweet
pH: .....	8.2 ± 0.2
SPECIFIC GRAVITY/DENSITY: .....	1.02 / 8.5 pounds per gallon
FLASH POINT: .....	None (C.O.C. Method)
VOC CONTENT: .....	Less than 1% by weight
HMIS RATING: .....	Health = 1 Flammability = 0 Physical Hazard = 0
REFRACTOMETER SOLIDS: .....	19.5%
GLOSS: .....	90 (A.S.T.M. Test D-523, 60°)
DRYING TIME: .....	30 minutes at 20°C. (68°F.), 50% relative humidity
RECOAT TIME: .....	45 minutes at 20°C. (68°F.), 50% relative humidity
COVERAGE: .....	1500 - 2000 sq. ft. per gallon (average coverage on a sealed floor)
SAFETY (slip resistance): .....	Exceeds requirements of ASTM Test D-2047, ANSI/NFSI B101.1-2009
PACKAGE SIZES: .....	4 x 1 gallon jugs
.....	5 gallon pails
.....	55 gallon drums

## INSTA GUARD®

CP-598

### PROTECTIVE MICRO-GUARD FOR POLISHED CONCRETE

### CHEMICAL RESISTANCE CHART

Reagents were tested under the following conditions:

Temperature: ..... 68° F., 30% RH

Film Thickness: ..... approximately 1.5 mils (3 coats)

Dwell Time of Reagent..... 1 hour, 4 hours and 24 hours under watch glass

- Resistance Key**
- 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
  - NT – Not Tested

Reagent	1 hour	4 hours	24 hours
Mustard	4	4	3
Ketchup	4	4	3
Olive Oil	5	5	5
Vinegar	4	4	4
Water	5	5	4*
Lemon Juice	5	5	5
Pickle Juice	5	5	5
Tea	5	5	5
Balsamic Vinegar	5	5	5
V8 Juice	5	5	5
Orange Juice	5	5	5
Coffee	5	5	5
Cola	5	5	5
Red Wine	5	5	5
Mayonnaise	5	5	5
Transmission Fluid	5	5	5
Motor Oil	5	5	5
Anti-Freeze	1	NT	NT
Brake Fluid	1	NT	NT

Reagent	1 hour	4 hours	24 hours
10% NH4OH	5	5	5
10% NaOH	2	2	1
10% HCl	5	5	5
10% KOH	5	3	2
Household Bleach	4	4	4
3% Hydrogen Peroxide	5	5	5
Isopropyl Alcohol	2	1	NT
Ethanol	1	NT	NT
Gasoline	3	3	2
Urine	5	5	5
* complete recovery			