



BRICKFORM® Pro Concrete Guard™

HIGH GLOSS PROTECTIVE MICRO-GUARD FOR POLISHED CONCRETE

PRODUCT DESCRIPTION

Pro Concrete Guard is a unique blend of specially selected micro-polymer hybrids designed to form a durable high gloss protective micro-finish on and in polished concrete. Pro Concrete Guard develops rapid hardness, scratch, scuff and water resistance, unlike concrete polish “guard” products currently on the market, which are water sensitive and require 7 to 14 days to develop properties. Pro Concrete Guard has excellent flow and leveling properties, is easy to apply and requires no special burnishing technique for curing or gloss development. Pro Concrete Guard provides outstanding floor protection and appearance over extended periods of time, providing a savings in labor and materials. Pro Concrete Guard exceeds the Coefficient of Friction safety standards of ASTM Designation D-2047. VOC content: Less than 1% by weight or less than 10 grams per liter.

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 Pro Concrete Guard using standard application procedures with a good quality rayon or synthetic blend string mop by “mop and bucket method”, or with a pump-up sprayer and flat-pad microfiber applicator by “spray and spread” technique. For optimal results, allow 45 minutes of dry time between coats.

HIGH SPEED BURNISHING

For optimal gloss development, safety, durability and surface protection Pro Concrete Guard should be burnished with a high quality synthetic/hog hair blend (Thermal Gloss) pads. A propane buffer equipped with Thermal Gloss pads will achieve optimum buffing results, but any good quality high speed (1000+ rpm) buffer will achieve excellent results. Pro Concrete Guard may be burnished after 45 minutes of dry time.

RECOAT

The typical recoat cycle for Pro Concrete 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 HC-150 or LF-150 Heavy Duty Cleaners at a dilution of 4 - 6 ounces per gallon of water. Rinse the floor with clean water and let dry before applying Pro Concrete Guard.

SPECIFICATIONS

COLOR:..... White, stable emulsion

ODOR:..... Mild, sweet

pH:..... 7.8 + 0.2

HMIS RATING

... Health =1 Flammability = 0 Physical Hazard = 0

DENSITY 8.5 lbs/gal

SPECIFIC GRAVITY 1.04

REFRACTOMETER SOLIDS:..... 17.5%

FLASH POINT: None (C.O.C. Method)

VOC CONTENT: Less than 1% by weight or less than 10 grams/liter

COVERAGE:..... 1500 -2000 sq. ft. per gallon

DRYING TIME: 45 minutes at 20°C. (68°F.), 50% relative humidity.

RECOAT TIME: 60 minutes at 20°C. (68°F.), 50% relative humidity.

GLOSS: 90 (A.S.T.M. Test D-523, 60°)

SAFETY (slip resistance): ..Exceeds requirements (A.S.T.M. Test D-2047)

PACKAGE SIZES: 1 gallon bottle
..... 5 gallon bucket

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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
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

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

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