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POLISHED CONCRETE

# RMOR SURFACE SHIELD

SEMI-PENETRATING / SEMI-TOPICAL HIGH GLOSS GUARD



#### DESCRIPTION

CPS Armor Surface Shield is a semi-penetrating. semi-topical high gloss guard with a stain and wear resistant finish that dramatically increases shine, abrasion and stain resistance of polished concrete. CPS Armor Surface Shield is waterbased and dries quickly to a clear, extremely hard micro-coating that bonds and reacts with the concrete surface. Once applied and burnished, CPS Armor Surface Shield dramatically increases shine, enhances color and has excellent wear properties. It is also non-toxic, non-hazardous and VOC compliant.

# **KEY FEATURES**

- Semi-penetrating, semi-topical guard
- Prolong shine (gloss) of polished concrete
- Dramatically increases shine (gloss)
- Increases abrasion & stain resistance
- Chemically bonds with concrete
- Ready to use, simple application
- Dries in minutes with low odor
- Forms a breathable, hard micro-coating
- Will not peel or flake
- Reduces maintenance time and cleaning
- Re-application is simple and requires no stripping
- VOC complaint

# **COVERAGE**

CPS Armor Surface Shield comes ready to use (RTU) and should not be mixed with any other chemical.

1st coat: 1,500 - 3,000 ft2 per gallon 2nd coat and subsequent coats: 3,000 - 4,000 ft2

\*Coverage rates will vary with concrete porosity and environmental conditions.

#### **APPLICATION**

Apply only when temperatures will be above 40°F (4°C) for at least 2 hours following application.

Deep clean the surface with an auto-scrubber to remove any dirt, debris or anything that may prevent product from penetrating.

Do not use citrus or acidic cleaners. If acidic cleaners have been used, neutralize the surface using an alkaline cleaner.

Do not over mix or bubbles and/or foaming can occur and make uniform application more difficult.

Do not over apply. Very thin coats are best. Apply CPS Armor Surface Shield using a microfiber pad that has been pre-dampened with the product. Using a low-pressure pump sprayer, apply lightly and then spread material thinly and evenly using a microfiber pad. For best results, use joint lines as starting and stopping points. Do not over-work material into the surface - spread it and leave it. Allow each application to dry at least 30-60 minutes between coats or before using.

Second applications will improve sheen and stain protection, Burnishing with a high-speed burnisher (1500-2100 rpm) and a CPS Bling pad between coats is recommended and will speed curing and improve shine. Do not cover treated surfaces for at least 1 week as protective coverings may slow curing and cause some whiting by trapping

Do not allow traffic on surface until it is dry; typically 30-60 minutes.

\*Before application, always do a small test sample in a less-visible area to be sure there are no variables or contaminants in the substrate that may be incompatible with this product.

#### **CLEANUP**

Use soap and water to clean tools and equipment. CPS Armor Surface Shield is non-toxic and environmentally safe however, it is alkaline. Use up or dry out extra material and dispose of according to local regulations. Do not pour into sewer systems or storm drains.

#### **MAINTENANCE**

Routine sweeping, mopping, washing and mechanical scrubbing of floors with water or neutral CPS Armor PC Soap is recommended. DO NOT USE cleaners that are acidic or that have citrus or Butyl compounds.

# **STORAGE**

Store upright in a safe, dry place at 40-105°F. Keep from freezing. Keep out of reach of children, Make sure and seal container after use. Do not mix with other chemicals.

# **CHEMICAL PROPERTIES**

Appearance: White liquid, dries clear Odor: Slight ammonia-like odor Total Solids: :Ha 11-12 VOC: Compliant <50g/L Flash Point: Freeze Point: 32° F (0° C) Shelf Life: 1 vear

Water based

# **PACKAGING**

Solvent:

Item #	Container
GPCH0051	5 gallon
GPCH0052	55 gallon











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# WARNING / SAFETY & HEALTH **INFORMATION**

KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY!

Before using or handling of this material, read the Safety Data Sheet (SDS) and Warranty. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists generated by this product. Use appropriate eye protection and chemical resistant gloves.

#### LIMITATIONS

CPS Armor Surface Shield will not hide stains or etches. It is chemically resistant and helps reduce staining, but some compounds, especially acids, may damage the surface. CPS Armor Surface Shield will not bride or fill cracks and will not salvage honeycombed or structurally unsound surfaces. This product will not alter the profile of a surface. Not suitable for asphalt, non-cement surfaces or painted surfaces.

If CPS Armor Surface Shield comes into contact with glass, fabric, metal or painted surfaces, immediately wipe contaminated surface with a damp cloth, then wipe dry with a second clean cloth.

Make certain the most current versions of the CPS Armor Surface Shield Technical Data Sheet (TDS) and Safety Data Sheet (SDS) are being used. Visit our website (www.go2cps.com) or contact customer service (1-877-472-8200) for additional tips and guidelines. Proper application is the responsibility of the user. Field visits by CPS personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

#### WARRANTY

The product and application information contained herein is offered in good faith and we believe it to be accurate. However, since conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Concrete Polishing Solutions (CPS) sole warranty is that our products will meet our specifications at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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