

SS

SUPER SHIELD

ADVANCED HIGH-GLOSS STAIN AND WEAR PROTECTION FINISH



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PRODUCT DESCRIPTION

Super-Shield (SS) is a patented, high-gloss, stain and wear resistant finish that improves the shine, hardness and chemical resistance of concrete, natural stone, terrazzo, masonry, and other surfaces. Super-Shield (SS) is lithium water-based, and dries quickly to a clear, extremely hard micro-coating that bonds and reacts with the substrate. Formulated using reactive silicon hybrid polymer technology for rapid shine development and excellent wear properties, this treatment replaces floor waxes and conventional resin based coatings.

Because of its unique chemistry, Super-Shield (SS) will not lift or peel from the surface, and periodic recoating requires no stripping. Super-Shield (SS) is non-toxic, non-hazardous, and VOC compliant in all areas of the world.

This treatment can be used in conjunction with a high-speed burnisher to provide superior clarity and improved stain resistance. It will enhance the appearance and extend longevity of polished, integrally colored, dyed, and stained concrete.

KEY BENEFITS

- Provides rapid gloss with maximum stain and abrasion resistance
- Creates an extremely hard and breathable microfilm shield that will not delaminate
- Reduces maintenance and cleaning costs
- Lithium Technology – VOC Compliant

Customer Service:

Call 1-800-611-8278

Visit our website:

www.worlddiamondsource.com

Or scan the code:**USES**

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APPLICATION

Only apply when temperatures will be above 40°F for a minimum of two hours after application. Clean surface to remove any dust, laitance, curing agents or floor coatings that may prevent Super-Shield (SS) from penetrating.

If prior to application, acidic or d-limonene cleaners have been used, neutralize the surface using an alkaline cleaner (TSP, Tide laundry detergent, etc.). The surface is ready for use when dry. Never over mix or bubbles and/or foaming may result making uniform application difficult to achieve.

Product is best applied in very thin coats. Never overapply product. Apply Super-Shield (SS) with a microfiber floor pad that has been pre-dampened with Super-Shield (SS). With a low-pressure sprayer, spray a thin coating then spread material thinly and evenly using a microfiber pad. Backpack applicator systems work best for application. Use joint lines as work area indicators for best results.

Never over-work material into the surface. Leave after spreading. Allow every application to dry a minimum of 30-60 minutes between coats or before using. Improved sheen and stain protection comes with second application. Buff with a highspeed burnisher (1500-2100 rpm) and a hog's hair pad between applications is recommended to improve curing speed and shine. Do not cover treated surfaces for at least 1 week; protective coverings may slow curing and cause some whitening by trapping moisture.

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

* Always do a small test area to ensure the substrate is compatible with this product.

ESTIMATED COVERAGE

1st coat: 1,500-3,000 ft² per gal (36.8-73.6 m² per liter)

2nd and subsequent coats: 3000-4000 ft² per gal (73.6-98.2 m² per liter)

*Coverage rate will vary with concrete porosity and environmental conditions.

CLEAN UP

Use soap and water to clean tools and equipment. Although Super-Shield (SS) is non-toxic and environmentally safe, 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 pH cleaners is recommended. Plain water is sufficient for most environments. DO NOT USE cleaners that are acidic or that have citrus (d-Limonene) or Butyl compounds. Consult a World Diamond Source Representative for further information.

Technical Service

Customer Care:

Toll Free 800-611-8278
or 954-783-5300

Email:

info@worlddiamondsource.com

Web:

www.worlddiamondsource.com

For Chemical/Medical Emergencies:

Infotrac 800-535-5053
Outside USA 352-323-3500

SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN.

Do not drink. If swallowed, do not induce vomiting; drink two glasses of water and call a physician. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. Clean skin with soap and water.

CAUTION: Surfaces wet with Super-Shield (SS) may be slippery.

Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet.

PROPERTIES

Form: Liquid

Color: White, dries clear

Odor: Slight ammonia-like odor

Total Solids: 21.4%

Specific Gravity: 1.06

pH: 11-12

V.O.C Content: <50g/L

Flash Point: N/A

Freeze Point: 32°F (0°C)

Shelf Life: 1 year in unopened, sealed container

PACKAGING

1-Gal Jug • 3.79 L

5-Gal Pail • 18.93 L

55-Gal Drum • 208.20 L

275-Gal Tote • 1040 L

LIMITATIONS

Super-Shield (SS) will not hide stains. Super-Shield (SS) is chemically resistant and helps reduce staining, but some compounds, especially acids, may damage the surface. Super-Shield (SS) will not bridge 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 Super-Shield (SS) comes into contact with glass, fabric, metal, or painted surfaces, immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Make certain the most current versions of the Super-Shield (SS) Product Data Sheet and SDS are being used. Call Customer Service (1-800-611-8278) or visit our website (www.worlddiamondsource.com) to find additional tips, guidelines, and specifications. Proper application is the responsibility of the user.

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WARRANTY

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BUILDING RELATIONSHIPS THAT LAST

Refer to www.worlddiamondsource.com for the latest Technical Data Sheet and MSDS

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