

Scotchgard™

Stone Floor Protector

Technical Data

June 2009

Description:

Scotchgard™ Stone Floor Protector, a high performance floor surface hardener and protective clear coat for concrete, marble, terrazzo, and other porous stone surfaces. Produces a glossy, hard, dust repellent, chemical-resistant and watertight surface.

Special Features:

- Glossy, very hard, reduces dust formation, chemical-resistant and watertight surface
- Hardens and seals concrete, marble, terrazzo, and other porous stone surfaces.
- Easy to repair or recoat; no stripping required
- scratches on surface can be burnished away with Scotch-Brite™ Purple Diamond Floor Pad Plus
- Meets CARB 2010 standards for VOCs

Applications:

- Use on concrete, marble, terrazzo, and other porous stone surfaces
- Can be maintained with standard speed, high speed or ultra high speed equipment and pads

Packaging:

3.785 Liter Bag
2/case

General Use Directions:

Initial Application:

1. Strip all old finish from floor using a 3M™ floor stripping chemical and 3M™ stripping pad.
2. If the floor is uncoated, clean thoroughly using a black scrubbing pad and thoroughly rinse floor with water.
3. Allow floor to dry thoroughly.
4. Mask off any surfaces that are not intended to be coated. i.e.: metal, glass, painted surfaces, fabric.
5. Burnish the bare floor using a Scotch-Brite™ Sienna Diamond Floor Pad Plus.
6. Follow the Scotch-Brite™ Sienna Diamond Floor Pad Plus by burnishing with the Scotch-Brite™ Purple Diamond Floor Pad Plus on the bare concrete surface.

7. Dust mop with 3M™ Easy Trap Duster.
8. Agitate the Scotchgard™ Stone Floor Protector and install bag into 3M™ Easy Shine Applicator backpack.
9. Using the 3M™ Easy Shine Applicator and pad, apply 1 uniform, very thin coat of Scotchgard™ Stone Floor Protector. Allow 10-30 minutes of drying time.
10. Burnish the floor with the Scotch-Brite™ Purple Diamond Floor Pad Plus
11. Dust mop with 3M™ Easy Trap Duster
12. Using the 3M™ Easy Shine Applicator and pad, apply a second uniform, very thin coat of Scotchgard™ Stone Floor Protector. Allow 10-30 minutes of drying time.
13. Burnish the floor with the Scotch-Brite™ Purple Diamond Floor Pad Plus.

Note:

1. Test in an inconspicuous area to verify appropriate application.
2. Minimum application temperature is 50° F.
3. Coverage is approximately 2000-3000 sq. ft./gallon.
4. Do NOT use any cleaner that contains citrus (d-limonene) or 2-butoxyethanol (butyl cellulolve)

Cleaning:

1. Dust mop with 3M™ Doodleduster or 3M™ Easy Trap Duster.
2. Damp mop using 3M™ Neutral Cleaner and a flat mop or string mop.
3. Auto scrub as necessary using a 3M™ Neutral Cleaner and 3M™ TopLine Autoscrubber Pad 5000 on the auto scrubber.

Burnishing:

1. When the appearance of the floor begins to dull, burnish the floor using the Scotch-Brite™ Purple Diamond Floor Pad Plus.

Recoating:

1. Scrub traffic areas or the entire floor as required using 3M™ Neutral Cleaner with 3M™ Blue Cleaner Pad 5300 and follow with a water rinse.

2. Dust floor with 3M™ Doodleduster Cloth or 3M™ Easy Trap Duster.
3. Recoat the scrubbed area with 1 coat of Scotchgard™ Stone Floor Protector.
4. Burnish the floor with the Scotch-Brite™ Purple Diamond Floor Pad Plus.

Removal of Scotchgard™ Stone Floor Protector:

1. Scrub traffic areas or the entire floor as required using 3M™ Neutral Cleaner with Scotch-Brite™ Surface Preparation Pad.

Product Specifications:

(Typical Values)

1. pH: 11 - 12
2. Flashpoint: >200°F
3. Solubility in water: Complete
4. Slip Resistance: Meets or exceeds ASTM-D-2047-82 co-efficient of friction of 0.5 on James Static Friction tester
5. Viscosity: <8 centipoise
6. Fragrance: Acrylic odor
7. Appearance: Milky-white liquid
8. Specific gravity: 1.09
9. Percent solids: 13%

Precautionary Summary:

Eye Contact: Moderate eye irritant.

Suggested First Aid: Immediately flush eyes with water for at least 15 minutes.

Skin Contact: Mild skin irritant.

Suggested First Aid: Wash affected area with soap and water.

Inhalation: Single exposure above recommended guidelines may cause upper respiratory tract irritation.

Suggested First Aid: If signs/symptoms develop, remove person to fresh air.

Note:

Refer to product Material Safety Data Sheet (MSDS: 26-5490-3) for specific health hazard, first aid and precautionary information

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Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

3M

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