

Q: What is Scotchgard™ Stone Floor Protector Plus?

A: Scotchgard™ Stone Floor Protector Plus is a high-performance floor protector designed to protect concrete, marble, terrazzo, and other porous stone surfaces. Only two coats are required and the protector is applied with the 3M™ Easy Shine Applicator System. It provides excellent stain, scuff and scratch resistance. Reduced maintenance requirements help reduce labour hours and costs typically associated with traditional acrylic floor finishes and can result in savings of 35 per cent or more on maintenance and labour costs annually.* This unique product doesn't require stripping and will retain its gloss longer than typical acrylic floor finishes.* When scratches occur on a treated floor's surface, you can easily repair them by burnishing with the 3M™ Tan Burnish Pad 3400.

Q: I have applied previous versions of the Scotchgard™ Stone Floor Protector on my floors. Can I apply Scotchgard™ Stone Floor Protector Plus on top of the previous versions?

A: Yes.

Q: With the new Scotchgard™ Stone Floor Protector Plus install procedures, when do I burnish?

A: The new version does not require burnishing between coats. Burnishing should not be performed until at least 30 minutes after the last coat is dry to the touch. **Note:** Burnishers with heavier pad pressures and faster speeds will build gloss more quickly. Since the product does not require burnishing for cure, a **maximum 2 passes are recommended for propane and battery burnishers.** Corded electric burnishers may require up to 6 passes to reach the same level of appearance.

Q: Why is Scotchgard™ Stone Floor Protector Plus better than traditional acrylic floor finishes?

A: Traditional acrylic floor finishes are very soft and do not retain their appearance for very long. Most acrylic floor finishes become dull and dirty almost immediately, while Scotchgard™ Stone Floor Protector Plus is very durable and resistant to scuffs, wear patterns and scratching.*

In addition, Scotchgard™ Stone Floor Protector Plus

- Protects the floor with a hard surface finish to help resist against dirt entrapment.
- Resists yellowing.
- Doesn't require stripping! This is an enormous benefit to both building owners and building service contractors.
- Non-strip formula lets both parties benefit from significant reductions in labour and chemical cost and the disruption to floor use.
- Easy to maintain.
- Requires less maintenance than traditional floor finishes and remains glossy over long periods of time.
- When the surface dulls, simply burnish with the 3M™ Tan Burnish Pad 3400. If burnishing does not restore the gloss, then a simple recoat is recommended. Refer to the Technical Bulletin for installation and maintenance instructions.

* Based on 3M testing.

Q: How often do I need to burnish Scotchgard™ Stone Floor Protector Plus?

A: Typically, burnish three or four times a month, depending on traffic. When the floor's appearance begins to dull, burnish the floor using the 3M™ Tan Burnish Pad 3400. A Scotch-Brite™ Purple Diamond Floor Pad Plus may be used intermittently for scratch removal or in preparation for recoating.

Q: How often do I need to recoat the floor with Scotchgard™ Stone Floor Protector Plus?

A: Typically, recoat once or twice per year, depending on traffic. Recoat traffic areas or the entire floor as necessary with Scotchgard™ Stone Floor Protector Plus using the 3M™ Easy Shine Applicator System. Be sure the floor is clean and free of marks before recoating.

Q: What is the shelf life of Scotchgard™ Stone Floor Protector Plus?

A: The shelf life is one year.

Q: How do I recoat or remove the Scotchgard™ Stone Floor Protector Plus from the floor?

A: To prepare the floor for recoating, use a Scotch-Brite™ Purple Diamond Pad Plus with water or appropriately diluted 3M™ Neutral Cleaner Concentrate. If you would like to remove the coating completely, use a 3M™ Floor Stripper and a 3M™ Black Stripper Pad 7200. Rinse with water and allow the floor to dry thoroughly. Alternatively, Scotchgard™ Stone Floor Protector Plus may be physically removed using 3M™ Trizact™ Diamond TZ Abrasive Pads.

Q: What is the recommended floor temperature range for Scotchgard™ Stone Floor Protector Plus?

A: Minimum floor and air temperature should be 10°C (50°F). Maximum floor and air temperature should be below 35°C (95°F). Do not store product in temperatures above 35°C (95°F) for extended periods of time, as this can cause the product to coagulate. Do not use product that has been previously frozen.

Q: Will the Scotchgard™ Stone Floor Protector Plus change the colour of my floor?

A: Scotchgard™ Stone Floor Protector Plus may darken some floors slightly. The increased gloss may also enhance the visibility of the subtle colours found in many floors.

Scotchgard™ Stone Floor Protector Plus Frequently Asked Questions

Revision A, June 2018

Q: How does Scotchgard™ Stone Floor Protector Plus compare with impregnators?

A: While an impregnator provides good water and stain resistance, the Scotchgard™ Stone Floor Protector Plus also provides significantly increased gloss, and resistance to scuffs, marks, and scratches. In addition, impregnators provide typically 152 square metres (500 square feet) of coverage per 3.79 liters (gallon) compared to 914 square metres (3,000 square feet) that Scotchgard™ Stone Floor Protector Plus typically provides per bag when used with the 3M™ Easy Shine Applicator System.

Q: What is the cure time of Scotchgard™ Stone Floor Protector Plus?

A: The floor can be opened to traffic after the floor has dried and been burnished. 24 hours is required to fully cure. During this time, avoid standing water. There are no restrictions on using an auto scrubber or flat microfibre mop, but standing water can cause a blotchy appearance. If the coating is near an entrance, ensure water from outside is not tracked onto the floor in the first 24 hours after installation.

Q: Are there certain cleaning chemicals that should not be used on Scotchgard™ Stone Floor Protector Plus?

A: Yes, the following products will damage and/or remove the coating:

- Products containing butyl (also known as 2-butoxyethanol).
- Floor strippers, surface emulsifiers/extenders, and degreasers, which usually contain butyl.
- High or low pH cleaners including bleach.
- Products containing citrus cleaners (d-Limonene).

Q: Can I use a disinfectant on Scotchgard™ Stone Floor Protector Plus?

A: Both general purpose hydrogen peroxide based disinfectant and 3M™ Neutral Quat Disinfectant (Product No. 23) are safe to use on the Scotchgard™ Stone Floor Protector Plus.

Q: Will acidic products damage the Scotchgard™ Stone Floor Protector Plus?

A: Yes, acids can damage the Scotchgard™ Stone Floor Protector Plus coating.

Q: Will Scotchgard™ Stone Floor Protector Plus perform after freezing and thawing?

A: No. Product that has been frozen should be properly discarded, per local waste disposal facility recommendation, and replaced.

Q: If you deep-scrub with the Scotch-Brite™ Surface Prep Pad Plus, can you recoat with a traditional floor finish, even though there may be trace amounts of Scotchgard™ Stone Floor Protector Plus left behind?

A: Yes, traditional finishes may be applied directly over the Scotchgard™ Stone Floor Protector Plus. However, we recommend testing on a small area as 100% of coatings may not be compatible.

* Based on 3M testing.

Q: Why doesn't Scotchgard™ Stone Floor Protector Plus have to be stripped?

A: Scotchgard™ Stone Floor Protector Plus is a very hard finish and is resistant to soiling.

Q: How long should I wait to burnish the floor after applying the second coat of Scotchgard™ Stone Floor Protector Plus?

A: It is recommended to wait 30 minutes after the finish has dried for burnishing.

Q: How does Scotchgard™ Stone Floor Protector Plus compare to traditional acrylic floor finishes?

A: Traditional acrylic floor finish is soft and allows dirt and debris to become embedded in the surface after limited foot or wheeled traffic. The gloss value of acrylic floor finishes is very high (>80) when initially installed, but reduces with wear. Most acrylic floor finishes require multiple strips and recoats per year and multiple deep scrubs and topcoats per year. Scotchgard™ Stone Floor Protector Plus, on the other hand, installs in two coats and can be placed in service immediately. It has a typical installed gloss value between 65 and 75, depending on the floor condition, and will retain its gloss value better over time.* A simple auto scrub with a neutral cleaner and burnishing as desired is all that is needed to maintain the surface. It will remain scuff- and scratch-resistant for an extended period of time.

Q: How does Scotchgard™ Stone Floor Protector Plus compare to epoxy coatings?

A: Epoxy finishes are ultra-durable and resistant to traffic and most chemicals. Floors must be prepped very well before application to avoid delamination. Repairs are difficult and tend to show seams. Epoxies are considered permanent and are difficult to remove. Scotchgard™ Stone Floor Protector Plus is not as chemically resistant as an epoxy finish, but is suitable for most applications.

Q: What flooring surfaces are suitable for the application of Scotchgard™ Stone Floor Protector Plus?

A: Polished concrete, terrazzo, marble, granite, travertine, and most other porous stone surfaces (for indoor use only).

Q: Can Scotchgard™ Stone Floor Protector Plus be used on ceramic floors?

A: Scotchgard™ Stone Floor Protector Plus is **NOT** recommended for use on ceramic tile. It may, however, be used on quarry tile.

Q: What is the best way to keep Scotchgard™ Stone Floor Protector Plus looking good?

A: Use an auto scrubber with a 3M™ Red Buffer Pad 5100 or 3M™ Topline Autoscrubber Pad 5000 and appropriately diluted 3M™ Neutral Cleaner Concentrate. Burnish as desired using a propane burnisher, battery-powered walk behind, or 2500 RPM corded machine. Because the coating is hard, it is best to have speed, weight and abrasion. Both propane and battery-powered burnishers work well. Burnishing is best accomplished using the 3M™ Tan Burnish Pad 3400. Using corded machines requires extra burnishing time. Do not use slow burnishing equipment, such as weighted polishers which are traditionally used to polish stone.

Scotchgard™ Stone Floor Protector Plus Frequently Asked Questions

Revision A, June 2018

Q: Can I use the Scotch-Brite™ Clean & Shine Pad on Scotchgard™ Stone Floor Protector Plus?

A: Clean & Shine may be used as a daily cleaning pad on concrete floors coated with Scotchgard™ Stone Floor Protector Plus. Clean & Shine should **NOT** be used as a daily cleaning pad on other floors coated with Scotchgard™ Stone Floor Protector Plus.

Q: Can I start cleaning my floors coated with Scotchgard™ Stone Floor Protector Plus immediately after installation or do I need to allow time for curing?

A: Allow 24 hours prior to scrubbing.

Q: How long after install do I need to wait before allowing Scotchgard™ Stone Floor Protector Plus to get wet?

A: Allow 24 hours prior to cleaning with water. If the newly coated floor is exposed to water soon after installation, remove water as quickly as possible and keep traffic off of the wet area for 30 minutes. Many times the coating will not be damaged; however if it is damaged by early water exposure you will need to perform a repair.

Q: What happens if I burnish with the Scotch-Brite™ Purple Diamond Floor Pad Plus which was used with the previous product?

A: This pad is more aggressive than the 3M™ Tan Burnish Pad 3400. It can be used to remove deeper scratches, but will leave a hazy “halo” appearance on the floor. These optical defects can be removed by a second burnishing step using the 3M™ Tan Burnish Pad 3400. **Note:** Scotch-Brite™ Purple Diamond Floor Pad Plus should not be used for a minimum of 48 hours after fresh installations of the new Scotchgard™ Stone Floor Protector Plus.

Q: A customer had been using a crystallizer on the floor. Will Scotchgard™ Stone Floor Protector Plus work on top of a crystallizer?

A: 3M™ Trizact™ Diamond TZ Abrasive Pads must be used to remove any crystallization (which you are abrading off) to allow for proper penetration of the Scotchgard™ Stone Floor Protector Plus.

Q: Does the product contain zinc?

A: Scotchgard™ Stone Floor Protector Plus is zinc free.

Q: What happens if I use Scotchgard™ Stone Floor Protector Plus on vinyl tile or other resilient flooring?

A: We don't recommend using this product on resilient flooring. Instead use Scotchgard™ Resilient Floor Protector for vinyl tile and other resilient flooring types.

Q: What type of coverage can we expect per bag of product?

A: Coverage ranges from 762 square metres (2,500 square feet) up to 1,524 square metres (5,000 square feet) per bag of product, depending on the porosity of the substrate. Typical coverage is 914 square metres per 3.8 litres (3,000 square feet per gallon).

Q: Are there special requirements for applying the Scotchgard™ Stone Floor Protector Plus?

A: 3M recommends using the 3M™ Easy Shine Applicator mop and backpack system and the blue microfibre mop that comes with the system. It is important to apply the coating thinly to avoid thick areas that may appear hazy or streaky. To achieve a thin coating simply spread the coating as far as possible while wetting the floor completely (there should be no dry or partially covered surfaces).

Q: What type of coverage can we expect from our 3M™ Tan Burnish Pad 3400 on burnishers?

A: Pad life can vary with different substrates and different equipment. Generally, pad life will be shortest on propane equipment and longest on corded electric burnishers and is expected to be around 27,432 square metres (90,000 square feet). Burnishers that operate at greater than 2,000 RPMs will provide the best results.

Q: What if you do not have a burnisher?

A: You can still use Scotchgard™ Stone Floor Protector Plus, but note that the final gloss will be lower if you do not burnish after the second coat. You will still get protection against stains, scuffs, and black marks.

Q: I have more questions, but I can't find answers in this document. Where can I go to get help?

A: Please contact your local 3M representative.



3M Commercial Solutions Division
3M Canada
P.O. Box 5757
London, ON N6A 4T1

1-800-364-3577
3M.ca/CommercialCleaning

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