



Quick Links

[Facilities Website](#)

[Safety Data Sheets \(SDS\)](#)

Some of these links lead to web-based resources that are not product-specific.

Product Description

The 3M™ Resilient Floor Protection System is a high performance protective floor coating and maintenance program for vinyl tile and vinyl sheet flooring that utilizes proprietary technologies to produce a hard surface that is resistant to scratches, stains, and black marks.

Special Features

- Zinc free
- Low odor
- Superior gloss retention*
- Superior black mark resistance and easier black mark removal*
- Superior soil resistance*
- Higher static coefficient of friction (SCOF) as measured by ASTM-D2047*
- Builds initial hardness 40% faster than leading competing traditional acrylic floor finishes
- 4 times more durable than leading competing traditional acrylic floor finishes**
- Environmentally preferable***
- Superior hand sanitizer resistance****
- National Floor Safety Institute (NFSI) certified as providing "high-traction"

(*) When compared to leading competing traditional acrylic floor finishes

(**) Based on coating abrasion data (seven day cured) using Schieffer machine.

(***) Sustainable Attributes, formulated without: zinc and other heavy metals, fluorochemicals, NPE, APE. Low odor when compared to leading competing traditional acrylic floor finishes, low VOC (less than 0.1%). Scotchgard™ Resilient Floor Protector can also help reduce chemical usage by reducing the frequency of stripping operations when used as a two coat protector system.

(****) When compared to leading competing traditional acrylic floor finishes, based on 8 hour exposure

Applications

- Retail
- Health Care
- Education
- Office

General Use Directions

Refer to SDS 32-9595-3 for personal protective equipment (PPE) recommendations.

Recommended Installation Tools/Equipment

- Autoscrubber or mop and bucket
- High speed burnisher
- Scotch-Brite™ Surface Preparation Pad
- Scotch-Brite™ Purple Diamond Floor Pad Plus
- 3M™ Easy Shine Applicator
- Scotchgard™ Floor Protector Applicator Pad, Blue
- 3M™ Easy Trap Duster
- Scotchgard™ Resilient Floor Protector
- Applicable PPE

VCT (Vinyl Composition Tile) Floor Preparation

NOTE: Scotchgard™ Resilient Floor Protector is not intended for use on asbestos containing flooring materials. Ensure that the flooring you are working on does not contain asbestos.

1. For best results it is recommended that the floor be fully stripped prior to installation of the 3M™ Resilient Floor Protection System.
2. If the floor has finish applied to it, strip the floor using an appropriate 3M™ floor stripper and stripping pad. This includes any factory finish present on new floors. Be careful to remove all floor finish as any remaining finish has potential to be visible after applying Scotchgard™ Resilient Floor Protector.
3. If stains are present they should be thoroughly cleaned or tiles replaced. Any staining or other damage to flooring cannot be removed or hidden by Scotchgard™ Resilient Floor Protector.
4. Always rinse the floor after stripping. Rinse until a hand run over dry floor does not have any white residue on it. Failure to properly rinse a floor can cause adhesion failure, discoloration, hazing, or other failure of Scotchgard™ Resilient Floor Protector.
5. It is recommended to scrub the bare floor using a ScotchBrite™ Surface Preparation Pad and rinse to remove any residue followed by dusting with 3M™ Easy Trap Duster.
6. Optionally burnish entire flooring area using a Scotch-Brite™ Purple Diamond Floor Pad Plus using a minimum of two passes. A pass is once over a tile, so down and back on the same line would be twice over a tile and count as two passes. Do not pre-burnish floors that are uneven or textured.
7. Dust floor with 3M™ Easy Trap Duster to ensure all dust, hair, grit, and debris has been removed.

Sheet Vinyl, Linoleum & Luxury Vinyl Tile Preparation

1. For best results it is recommended that the floor be fully stripped prior to installation of the 3M™ Resilient Floor Protection System.
2. If the floor has finish applied to it, strip the floor using an appropriate 3M™ floor stripper and stripping pad. This includes any factory finish present on new floors. Be careful to remove all floor finish as any remaining finish has potential to be visible after applying Scotchgard™ Resilient Floor Protector.

NOTE: DO NOT use a 3M™ High Productivity Pad 7300 or 3M™ Black Stripper Pad 7200 pad when stripping Linoleum, Luxury Vinyl Tile or sheet vinyl floors as scratching or other damage may occur. Use only non abrasive pads or those recommended by the flooring manufacturer.

3. If stains are present they should be thoroughly cleaned or flooring replaced. Any staining or other damage to flooring cannot be removed or hidden by Scotchgard™ Resilient Floor Protector.
4. Always rinse the floor after stripping. Rinse until a hand run over dry floor does not have any white residue on it. Failure to properly rinse a floor can cause adhesion failure, discoloration, hazing, or other failure of Scotchgard™ Resilient Floor Protector.

Application Procedure (2-Coat Protector)

1. Wet and tightly wring out the applicator pad and apply to 3M™ Easy Shine Applicator.
2. Apply an even coating of Scotchgard™ Resilient Floor Protector to floor. Ideal coverage rate is 2000 sf/gal.
3. When coating is complete allow time to fully dry. The more porous the flooring, the longer it will take for product that is soaked into the floor to fully dry.
4. Wait a minimum of 15 minutes after floor is dry to the touch to move on to next step.
5. Apply a second coat of Scotchgard™ Resilient Floor Protector.
6. Protection of the floor is achieved at two coats. More coats may be added if desired for higher gloss (see below.)
7. For high traffic areas (such as entryways) an optional 3rd coat may be applied to provide additional protection.
8. Allow coating to dry before opening to traffic.
9. 24 hours should be allowed prior to burnishing.

Application Procedure (High Gloss)

1. Wet and tightly wring out the applicator pad and apply to 3M™ Easy Shine Applicator.
2. Apply an even coating of Scotchgard™ Resilient Floor Protector to floor. Ideal coverage rate is 2000 sf/gal.
3. When coating is complete allow time to fully dry. The more porous the flooring, the longer it will take for product that is soaked into the floor to fully dry.
4. Wait a minimum of 15 minutes after floor is dry to the touch to move on to next step.

5. Apply another coat of Scotchgard™ Resilient Floor Protector.
6. Repeat steps 4 and 5 until desired gloss is obtained.

NOTE: Only 4 coats should be applied in a 24 hour period. If more than 4 coats are desired, wait 24 hours to apply additional coats.

7. Allow coating to dry before opening to traffic.
8. 24 hours should be allowed prior to burnishing.

Application Procedure (Top Coat)

1. If Scotchgard™ Resilient Floor Protector is to be used as a topcoat over existing finish the floor MUST be scrubbed using water and a Scotch-Brite™ Surface Preparation Pad and then rinsed prior to coating.
2. Wet and tightly wring out the applicator pad and apply to 3M™ Easy Shine Applicator
3. Apply an even coating of Scotchgard™ Resilient Floor Protector to floor. Ideal coverage rate is 2000 sf/gal.
4. When coating is complete allow time to fully dry.
5. Wait a minimum of 15 minutes after floor is dry to the touch to move on to next step.
6. Apply another coat of Scotchgard™ Resilient Floor Protector.
7. Allow coating to dry before opening to traffic.
8. 24 hours should be allowed prior to burnishing.

Daily Maintenance

1. Dust mop with 3M™ Doodleduster or 3M™ Easy Trap Duster.
2. Damp mop or auto scrub daily using a 3M™ 3H Neutral Cleaner and Scotch-Brite™ Clean & Shine Pad or 3M™ Red Buffer Pad 5100. For best appearance an auto scrub procedure is recommended. For heavy soiling areas the Scotch-Brite™ Purple Diamond Floor Pad Plus should be used. Areas where aggressive cleaning pads are used may require burnishing after cleaning to restore optimum gloss.

NOTE: If disinfection is required 3M™ Neutral Quat Disinfectant Cleaner Concentrate 23H may be used. If a peroxide cleaner is desired 3M™ Peroxide Cleaner Concentrate 34H may be used.

3. Flooring should be periodically burnished to maintain gloss using a 3M™ Tan Burnish Pad 3400.

NOTE: The use of the Scotch-Brite™ Clean & Shine Pad can reduce or eliminate the need to burnish. If not used, a suggested burnishing schedules is

- a. High traffic areas: 3 to 4 times per week.
- b. Medium traffic areas: 4 to 5 times per month.
- c. Low traffic areas: 1 to 2 times per month.

NOTE: Do not use any products containing 2-butoxyethanol (butyl), bleach, amines, solvents, citrus (d-limonene) or high or low PH cleaners as this may damage the coating surface.

Periodic Maintenance

1. Flooring should be periodically wet scrubbed (low speed) with a Scotch-Brite™ Purple Diamond Floor Pad Plus followed by burnishing using a 3M™ Tan Burnish Pad 3400. If the floor is scratched or worn after this step, go to step 2.
2. For flooring that has been scratched or worn may be periodically burnished with a Scotch-Brite™ Purple Diamond Floor Pad Plus followed by a 3M™ Tan Burnish Pad 3400. If the floor is scratched or worn after this step, go to Scrub and Recoat.

Scrub and Recoat

NOTE: Step 2 in Periodic Maintenance can be used to attempt to extend the life between scrub and recoat cycles. Try in a small area and assess before moving forward.

If traffic lanes no longer respond to burnishing or if marking, discoloration, or excessive soiling is observed, Scotchgard™ Resilient Floor Protector may be restored using a scrub and refresh process. (typically 1-2 times per year for low traffic areas, 2-3 times per year for mid level traffic areas, and 3+ times per year for high traffic areas)

1. Scrub entire floor using 1-2 passes of a low speed floor machine or autoscrubber and a Scotch-Brite™ Purple Diamond Floor Pad Plus.
2. Optionally, burnish using a 3M™ Tan Burnish Pad 3400.
3. Apply a single coat of Scotchgard™ Resilient Floor Protector.
4. Allow coating to dry before opening to traffic.
5. 24 hours should be allowed prior to burnishing.

Safety Data Sheets

Refer to the appropriate product Safety Data Sheets for specific physical properties, health hazard, first aid and precautionary information (SDS Finder).

Safety Data Sheets - 32-9595-3

Health and Safety

CAUTION

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to 3M.com/SDS, or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

Technical Information

Commercial Solutions

3M Center, Building 220-12E-04
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1-800-852-9722
3M.com/Facility

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Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.