

## Technical Bulletin

# 3M™ Scotchgard™ Resilient Floor Protection System

### Description

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

### Special Features

- Glossy, hard surface is resistant to soiling
- Suitable for multiple substrates: VCT, vinyl tile, luxury vinyl tile, linoleum, and asphalt tile floors
- No stripping required
- Spot Repairable
- Scotchgard™ Resilient Floor Protector is compatible with conventional floor finish and may be used as a top coat
- 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.

### Applications

- Education
- Health Care
- Retail
- Office

### General Use Directions

Refer to MSDS for personal protective equipment (PPE) recommendations.

### Recommended Installation Tools/ Equipment:

1. Autoscrubber or mop and bucket
2. 3M™ Easy Shine Applicator
3. Scotchgard™ Resilient Floor Protector
4. Applicable PPE

### VCT & Sheet Vinyl Floor 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 a combination of 3M Black Stripper Pad or 3M SPP Pad and an \*appropriate stripping chemical. 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. For best results burnish entire flooring area using a Scotch-Brite™ Purple High Shine Floor Pad using 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.**
6. Dust floor with 3M™ Easy Trap Duster to ensure all dust, hair, grit, and debris has been removed.

### Rubber Floor 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 \*appropriate stripping chemicals. This includes any factory finish applied to new floors. Be careful to remove all floor finish as any remaining finish has potential to be visible after applying Scotchgard™ Resilient Floor Protector. **DO NOT use a 3M™ High Productivity Pad or 3M™ Black Stripper Pad when stripping rubber 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.

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



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, discolouration, hazing, or other failure of Scotchgard™ Resilient Floor Protector.

#### Application Procedure

1. Wet and tightly wring out the applicator pad and apply to 3M™ Easy Shine Applicator.
2. Apply an even coating of product to floor. **Ideal coverage rate is 185 sq mtr/3.8 litres.**
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. Allow coating to dry before opening to traffic.

#### Note:

**In high traffic areas such as entryways or areas with very porous or damaged tile an additional coat may be added to increase protection.**

#### Ongoing Maintenance:

1. Dust mop with 3M™ Microfibre mops or 3M™ Easy Trap Duster.
2. Damp mop or auto scrub daily using a Neutral Cleaner and 3M™ Red Buffer Pad. For best appearance an auto scrub procedure is recommended.

3. Flooring should be periodically burnished to maintain gloss using a 3M™ White Buffer Pad.

#### Restoration:

If traffic lanes no longer respond to burnishing or if marking, discolouration, or excessive soiling is observed, Scotchgard™ Resilient Floor Protector may be restored using a scrub and recoat process.

1. Scrub entire floor using 1-2 passes of a low speed floor machine or autoscrubber and a Scotch-Brite™ Surface Preparation Pad. Be sure flooring is clean and free of marks prior to moving to next step.
2. Optionally, burnish using a 3M™ White Buffer Pad.
3. Apply a single coat of Scotchgard™ Resilient Floor Protector.
4. Allow coating to dry before opening to traffic.

#### Repair:

Scotchgard™ Resilient Floor Protector is repairable. Use repair process only for severely damaged areas.

#### Note:

**It is best to do a repair area along seams in the tiles (i.e. avoid doing partial tiles).**

1. Tape off the outside of the damaged area using 3M™ 471 Vinyl Tape and use 3M™ TroubleShooter™ Baseboard Stripper and a 3M™ Doodlebug™ Brown Pad to remove the coating.

2. Thoroughly rinse the floor and allow to dry. NOTE: It is best practice to double rinse and allow water to dwell for 2 minutes each time prior to removal.
3. Apply Scotchgard™ Resilient Floor Protector to the affected area using 2 millilitres per square foot of repair area.
4. Apply a second coat of Scotchgard™ Resilient Floor Protector (2ml/sf) and allow to dry.
5. Remove tape. The repair is now complete.



## Important Notice to User

### Technical Information:

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

### 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.



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