

Floor Maintenance Guidelines for Scotchgard™ Classic Floor Finishes

Technical Bulletin

July 2010

Introduction

It is important to understand application procedures and maintenance instructions for acrylic floor finishes when transitioning from one manufacturer's floor finish products to another.

Scotchgard™ Classic Floor Finishes from 3M are designed to quickly build gloss levels in *fewer* coats. Their high abrasion resistance helps reduce soiling and scratching.

Application Best Practices:

(See technical data sheets for detailed step-by-step instructions.)

- Strip all old finish from floor. Rinse with cold water until no residue remains.
 - The use of the Scotch-Brite™ Surface Preparation Pad (maroon) to deep scrub the existing floor is an option when stripping is not feasible. Compatibility between different manufacturers' floor finishes can sometimes result in a less-than-ideal final result which may in turn require a complete strip-out.
- Dust floor to remove all fine particulate matter.
- **Apply 3-4 medium, even coats.**
- Allow 20-30 minutes of drying time between each coat.
- **Apply no more than 4 coats within 24 hours.** Heavy coats or inadequate drying time between coats may result in increased stickiness and dirt retention.
- After 24 hours, 3-4 additional coats may be applied if desired, but it is not necessary.



Scotchgard™ Low Maintenance 18 Floor Finish

formerly 3M™ Stance™ 18 Low Maintenance Floor Finish

Initial Application

- 1) Strip all old finish from floor using a 3M floor stripping chemical and 3M stripping pad. Rinse twice with **cold** water until no residue remains, and allow floor to dry thoroughly. The use of "neutralizers" is not recommended.
 - *(Additional and optional) Burnish stripped bare tile with a Scotch-Brite™ Purple Diamond Floor Pad Plus for enhanced gloss.*
- 2) Prior to applying Scotchgard™ Low Maintenance 18 Floor Finish, dust the floor to remove all fine particulate from the surface.
- 3) Apply 3-4 medium, even coats of Scotchgard™ Low Maintenance 18 Floor Finish with a 3M™ Easy Shine Applicator System or clean synthetic finish mop. Allow 20-30 minutes of drying time between each coat, depending on environmental conditions. Apply no more than 4 coats within 24 hours. Heavy coats or inadequate drying time between coats may result in increased stickiness and dirt retention. A fan may be used to speed drying time, but do not blow air directly onto the floor as this may cause rippling and ridging in the finish.
- 4) Floor may be opened to traffic 1 hour after final coat is applied.
- 5) After 24 hours, 3-4 additional coats may be applied as desired. Dust mop or clean the floor as necessary prior to re-application. No burnishing prior to re-application is required.

Note:

- *Minimum application temperature is 50° F.*
- *Coverage is approximately 2000-3000 sq. ft./gallon.*
- *Full hardness of the finish is achieved in 5-7 days.*
- *Do not dilute this product.*
- *Do not pour unused product back into the original container.*



Scotch-Brite™ Purple Diamond Floor Pad Plus



3M™ Easy Shine Applicator System

Routine Cleaning

- 1) Dust mop floors with 3M™ Easy Trap Duster or 3M™ Doodleduster Cloth at least daily.
- 2) Damp mop or auto scrub as necessary using ready-to-use 3M™ Neutral Cleaner 3 and 3M™ Red Buffer Pad 5100 or on the auto scrubber.

Note: Use low pad pressure settings for best performance.



3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



3M™ Red Buffer Pad 5100

Scotchgard™ Low Maintenance 18 Floor Finish

formerly 3M™ Stance™ 18 Low Maintenance Floor Finish

Burnishing Repair Options

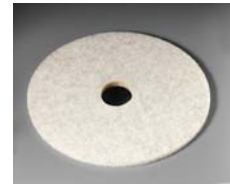
- 1) Although this product does not require frequent burnishing, if desired, allow finish to cure 48-72 hours after application before burnishing.
- 2) After cleaning with ready-to-use 3M™ Neutral Cleaner 3 burnish once per week at 1500 – 3000 rpm with 3M™ Natural Blend White Pad 3300 or 3M™ TopLine Speed Burnish Pad 3200. For more aggressive burnishing and enhanced black mark removal, switch to 3M™ Eraser™ Burnish Pad 3600.
- 3) Dust mop the floor.

Note: Use low pad pressure settings for best performance



3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



3M™ Natural Blend White Pad 3300



3M™ TopLine Speed Burnish Pad 3200



3M™ Eraser Burnish Pad 3600

Scotchgard™ Low Maintenance 18 Floor Finish

formerly 3M™ Stance™ 18 Low Maintenance Floor Finish

Scrubbing and Recoating

- 1) Scrub traffic areas or the entire floor as required using ready-to-use 3M™ Neutral Cleaner 3 with a Scotch-Brite™ Surface Preparation Pad on an autoscrubber or rotary machine. To remove fewer coats of finish, use a 3M™ Blue Cleaner Pad 5300.
- 2) Rinse floor with water until residue is removed and dust mop.
- 3) Recoat the scrubbed area with 1-3 coats of the desired 3M floor finish, allowing 20-30 minutes between coats, depending on environmental conditions.

Note: 3M products should be compatible with most finishes when applied on top of a thoroughly scrubbed floor.

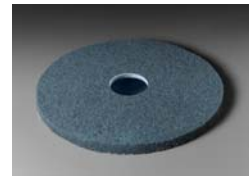


3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



Scotch-Brite™ Surface Preparation Pad



3M™ Blue Cleaner Pad 5300

Scotchgard™ Low Maintenance 25 Floor Finish

formerly 3M™ Stellar™ 25 Low Maintenance Floor Finish

Initial Application

- 1) Strip all old finish from floor using a 3M floor stripping chemical and 3M stripping pad. Rinse twice with cold water until no residue remains, and allow floor to dry thoroughly. The use of "neutralizers" is not recommended.
 - *(Additional and optional) Burnish stripped bare tile with a Scotch-Brite™ Purple Diamond Floor Pad Plus for enhanced gloss.*
- 2) Prior to applying Scotchgard™ Low Maintenance 25 Floor Finish, dust the floor with 3M™ Easy Trap Duster or 3M™ Doodleduster Cloth to remove all fine particulates from the surface.
- 3) Apply 3-4 medium, even coats of Scotchgard™ Low Maintenance 25 Floor Finish with a 3M™ Easy Shine Applicator System or clean synthetic finish mop. Allow 20-30 minutes of drying time between each coat, depending on environmental conditions. Apply no more than 4 coats within 24 hours. Heavy coats or inadequate drying time between coats may result in increased stickiness and dirt retention. A fan may be used to speed drying time, but do not blow air directly onto the floor as this may cause rippling and ridging in the finish.
- 4) Floor may be opened to traffic 1 hour after final coat is applied.
- 5) After 24 hours, 3-4 additional coats may be applied as desired. Dust mop or clean the floor as necessary prior to re-application. No burnishing prior to re-application is required.

Note:

- *Minimum application temperature is 50° F.*
- *Coverage is approximately 2000-3000 sq. ft./gallon.*
- *Full hardness of the finish is achieved in 5-7 days.*
- *Do not dilute this product.*
- *Do not pour unused product back into the original container.*

Routine Cleaning

- 1) Dust mop floors with 3M™ Easy Trap Duster or 3M™ Doodleduster Cloth at least daily.
- 2) Damp mop or autoscrub as necessary using ready-to-use 3M™ Neutral Cleaner 3 or ready-to-use 3M™ 3-in-1 Cleaner 24 diluted and dispensed using the 3M™ Twist 'n Fill™ System dispenser. Where possible, autoscrub at least 3 times per week with 3M™ Red Buffer Pad 5100. This pad may be alternated with the 3M™ White Super Polish Pad 4100 if desired. This process will provide a combination of good cleaning and soft polishing.

Note: Use low pad pressure settings for best performance.



Scotch-Brite™ Purple Diamond Floor Pad Plus



3M™ Easy Shine Applicator System



3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



3M™ Red Buffer Pad 5100



3M™ White Super Polish Pad 4100

Scotchgard™ Low Maintenance 25 Floor Finish

formerly 3M™ Stellar™ 25 Low Maintenance Floor Finish

Burnishing Repair Options

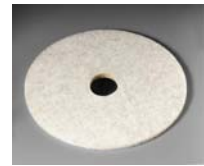
- 1) Although this product does not require frequent burnishing, if desired, allow finish to cure 48-72 hours after application before burnishing.
- 2) After cleaning with ready-to-use 3M™ Neutral Cleaner 3 burnish once per week at 1500 – 3000 with a 3M™ Natural Blend White Pad 3300 or 3M™ TopLine Speed Burnish Pad 3200. For more aggressive burnishing or enhanced black mark removal, switch to 3M™ Eraser™ Burnish Pad 3600.
- 3) Dust mop the floor.

Note: Use low pad pressure settings for best performance.



3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



3M™ Natural Blend White Pad 3300



3M™ TopLine Speed Burnish Pad 3200



3M™ Eraser™ Burnish Pad 3600

Scotchgard™ Low Maintenance 25 Floor Finish

formerly 3M™ Stellar™ 25 Low Maintenance Floor Finish

Scrubbing and Recoating

- 1) Scrub traffic areas or the entire floor as required using ready-to-use 3M™ Neutral Cleaner 3 with the Scotch-Brite™ Surface Preparation Pad on an autoscrubber or rotary machine. To remove fewer coats of finish, use a 3M™ Blue Cleaner Pad 5300.
- 2) Rinse floor with water until residue is removed and dust mop.
- 3) Recoat the scrubbed area with 1-3 coats of the desired 3M floor finish, allowing 20-30 minutes between coats, depending on environmental conditions.

Note: 3M products should be compatible with most finishes when applied on top of a thoroughly scrubbed floor.

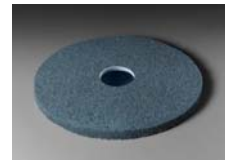


3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



Scotch-Brite™ Surface Preparation Pad



3M™ Blue Cleaner Pad 5300

Scotchgard™ UHS 25 Floor Finish

formerly 3M™ TopLine 25 UHS Floor Coating

Initial Application

- 1) Strip all old finish from floor using a 3M floor stripping chemical and 3M stripping pad. Rinse twice with **cold** water until no residue remains, and allow floor to dry thoroughly. The use of "neutralizers" is not recommended.
 - (Additional and optional) Burnish stripped bare tile with a Scotch-Brite™ Purple Diamond Floor Pad Plus for enhanced gloss.
- 2) Prior to applying Scotchgard™ UHS 25 Floor Finish, dust the floor to remove all fine particulate from the surface.
- 3) Apply 3-4 medium, even coats of Scotchgard™ UHS 25 Floor Finish with a 3M™ Easy Shine Applicator System or clean synthetic finish mop. Allow 20-30 minutes of drying time between each coat, depending on environmental conditions. Apply no more than 4 coats within 24 hours. Heavy coats or inadequate drying time between coats may result in increased stickiness and dirt retention. A fan may be used to speed drying time, but do not blow air directly onto the floor as this may cause rippling and ridging in the finish.
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Note:

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- Coverage is approximately 2000-3000 sq. ft./gallon.
- Full hardness of the finish is achieved in 5-7 days.
- Do not dilute this product.
- Do not pour unused product back into the original container.



Scotch-Brite™ Purple Diamond Floor Pad Plus



3M™ Easy Shine Applicator System

Routine Cleaning

- 1) Dust mop floors with 3M™ Easy Trap Duster or 3M™ Doodleduster Cloth at least daily.
- 2) Damp mop or autoscrub as necessary using ready-to-use 3M™ Neutral Cleaner 3 or ready-to-use 3M™ 3-in-1 Floor Cleaner 24 dispensed using the 3M™ Twist 'n Fill™ System dispenser. Where possible, autoscrub at least 3 times per week with 3M™ Red Buffer Pad 5100. This pad may be alternated with 3M™ White Super Polish Pad 4100 if desired. This process will provide a combination of good cleaning and soft polishing.

Note: Use low pad pressure settings for best performance



3M™ Neutral Cleaner Concentrate 3H / 3L

Diluted and dispensed using the 3M™ Twist 'n Fill™ System Dispenser



3M™ Red Buffer Pad 5100



3M™ White Super Polish Pad

Scotchgard™ UHS 25 Floor Finish

formerly 3M™ TopLine 25 UHS Floor Coating

Burnishing Repair Options

- 1) Always allow finish to cure 48-72 hours after application before burnishing.
- 2) After cleaning with ready-to-use 3M™ Neutral Cleaner 3, burnish using 3M™ Aqua Burnish Pad 3100, 3M™ TopLine Speed Burnish Pad 3200, or 3M™ Natural Blend White Pad 3300.
- 3) Dust mop the floor.

Note:

- *Product responds best to UHS machines.*
- *Typical desired burnishing frequency is every other day.*

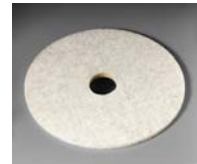


3M™ Neutral Cleaner
Concentrate 3H / 3L

*Diluted and dispensed using the
3M™ Twist 'n Fill™ System
Dispenser*



3M™ Aqua Burnish Pad
3100



3M™ Natural Blend White
Pad 3300



3M™ TopLine Speed
Burnish Pad 3200

Scotchgard™ UHS 25 Floor Finish

formerly 3M™ TopLine 25 UHS Floor Coating

Scrubbing and Recoating

- 1) Scrub traffic areas or the entire floor as required using ready-to-use 3M™ Neutral Cleaner 3 with the Scotch-Brite™ Surface Preparation Pad on an autoscrubber or rotary machine. To remove fewer coats of finish, use a 3M™ Blue Cleaner Pad 5300.
- 2) Rinse floor with water until residue is removed and dust mop.
- 3) Recoat the scrubbed area with 1-3 coats of the desired 3M floor finish, allowing 20-30 minutes between coats, depending on environmental conditions.

Note: 3M products should be compatible with most finishes when applied on top of a thoroughly scrubbed floor.

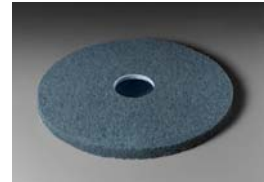


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Scotch-Brite™ Surface Preparation Pad



3M™ Blue Cleaner Pad 5300

Important Notice to User:

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