



Quick Links

[Facilities Website](#)

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

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

Product Description

For commercial facilities that clean and maintain uncoated concrete and terrazzo floors, the 3M™ Concrete Floor Polishing and Maintenance System offers an easy-to-use daily solution that can provide increased gloss and distinctness of image levels to improve overall floor appearance. This system provides:

- Uniform appearance and cleanliness even if floor irregularities are present
- May reduce the need for major restoration work
- A simplified, cost-effective process to maintain or improve the appearance of uncoated concrete and terrazzo floors

The 3M™ Concrete Floor Polishing and Maintenance System includes:

- Scotch-Brite™ Diamond Floor Brush 1000 (Grit)
- Scotch-Brite™ Diamond Floor Brush 3000 (Grit)
- 3M™ Concrete Cleaner & Densifier

Applications

See General Use Directions for detailed processes:

- **On low to medium gloss uncoated concrete floors that have not been polished recently:** Use the Scotch-Brite™ Diamond Floor Brush 1000 for daily cleaning. This is ideal for long-lasting cleaning and may provide gloss recovery.
- **On uncoated concrete floors that have previously been polished with 3M™ Trizact™ Diamond TZ Abrasive Pads or similar methods:** Use Scotch-Brite™ Diamond Floor Brush 3000 for daily cleaning. This is ideal for long-lasting cleaning and for maintaining a high gloss with a possible gloss increase.
- **To restore low gloss uncoated concrete floors to medium-high gloss:** Begin with 3M™ Trizact™ Diamond TZ Abrasive Pads, then switch to the Scotch-Brite™ Diamond Floor Brush 3000. Ideal for restoring floor and providing long-lasting cleaning and maintaining high gloss with possible increase in gloss/DOI.

The Scotch-Brite™ Diamond Floor Brush is used for routine cleaning and polishing under an auto scrubber or other standard low speed (175-600 RPM) floor cleaning equipment using water or a cleaning solution.

IMPORTANT NOTE

The Scotch-Brite™ Diamond Floor Brush is designed for use on uncoated* concrete floors. It is also suitable for use on uncoated* granite, epoxy based terrazzo, and cement based terrazzo floor surfaces.

*Uncoated refers to floors without crystallization or topical coatings such as acrylic, urethane, or epoxy based coatings. Floors with a densifier or impregnator are okay for use with this system.

Performing a standing water test can help to identify if a floor is uncoated. Refer to the 3M™ Concrete Floor Polishing and Maintenance System FAQ for more detailed steps.

General Use Directions

Low to medium gloss uncoated concrete floors that have not been polished recently:

1. Dust the entire floor with 3M™ Easy Trap™ Duster prior to cleaning.
2. Install the appropriate size and grit Scotch-Brite™ Diamond Floor Brush(es) on rotary floor machines or autoscrubbers.
 - a. Use the Scotch-Brite™ Diamond Floor Brush 1000 on auto-scrubbers.
 - b. Use the Scotch-Brite™ Diamond Floor Brush 3000 on swing machines.
3. Fill the scrubber tank or mop bucket with properly diluted 3M™ Concrete Cleaner & Densifier, an alternative cleaner, or water.
4. Clean the facility using the medium water flow and light pressure settings on the auto scrubber.
5. Pick up soiled solution with an autoscrubber, wet vacuum, or a tightly wrung mop.
6. For the best performance, rinse out the Scotch-Brite™ Diamond Floor Brush with water after each use.
7. Remove the Scotch-Brite™ Diamond Floor Brushes from the machine or raise them off the floor after use to prevent bristle damage.
8. Replace the Scotch-Brite™ Diamond Floor Brush when the bristle length is less than 0.125 in. (3.2 mm). The Scotch-Brite™ Diamond Floor Brush will still work as long as there is resin, but drag increases when bristles are less than 0.125 in. (3.2mm) in length.

Uncoated concrete floors that have been previously polished with 3M™ Trizact™ Diamond TZ Abrasive Pads or similar methods:

1. Dust the entire floor with 3M™ Easy Trap™ Duster prior to cleaning.
2. Install the appropriate size and grit Scotch-Brite™ Diamond Floor Brush(es) on rotary floor machines or autoscrubbers.
 - c. Use the Scotch-Brite™ Diamond Floor Brush 3000 for auto-scrubbers.
 - d. Use the Scotch-Brite™ Diamond Floor Brush 3000 for swing machines.
3. Fill the scrubber tank or mop bucket with properly diluted 3M™ Concrete Cleaner & Densifier, an alternative cleaner, or water.
4. Clean the facility using the medium water flow and light pressure settings on the auto scrubber.
5. Pick up soiled solution with an autoscrubber, wet vacuum, or a tightly wrung mop.
6. For the best performance, rinse out the Scotch-Brite™ Diamond Floor Brush with water after each use.
7. Remove the Scotch-Brite™ Diamond Floor Brushes from the machine or raise them off the floor after use to prevent bristle damage.
8. Replace the Scotch-Brite™ Diamond Floor Brush when the bristle length is less than 0.125 in. (3.2 mm). The Scotch-Brite™ Diamond Floor Brush will still work as long as there is resin, but drag increases when bristles are less than 0.125 in. (3.2 mm) in length.

Restoring low gloss uncoated concrete floors to medium-high gloss:

For refreshing medium gloss floors:

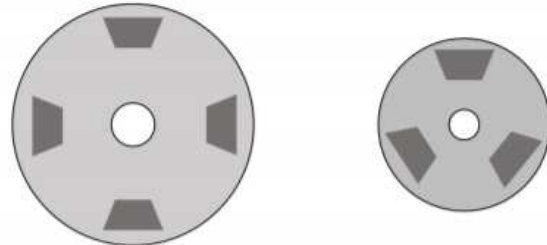
This process combines the use of the 3M™ Trizact™ Diamond TZ Pad Blue, the 3M™ Trizact™ foam backer pad, and the Scotch-Brite™ Diamond Floor Brush 3000 for a light polish and maintenance.

1. Use 3M™ Trizact™ Diamond TZ Pads with water or a preferred cleaning chemical. Do not use dry. The hook backing of the disc is used to hold the 3M™ Trizact™ Diamond TZ Pads onto the 3M™ Trizact™ foam backer pad.
2. Use four 3M™ Trizact™ Diamond TZ Pads Blue in the 12 o'clock, 3 o'clock, 6 o'clock, and 9 o'clock positions when using an autoscrubber or low-speed floor rotary machine with a diameter of 16 in. or more. Use three pads arranged at the 12 o'clock, 4 o'clock, and 8 o'clock positions when using a machine with a diameter of 15 in. or less.

See graphic below for an example. Attach with the wide side facing the outside of the 3M™ Trizact™ foam backer pad.

Pads 16 inch or larger

Pads 15 inch or smaller



3. With 3M™ Trizact™ Diamond TZ Pad Blue attached, attach the 3M™ Trizact™ foam backer pad(s) to the appropriately sized floor pad drive.
4. Clean the facility with the 3M™ Trizact™ Diamond TZ Pads Blue for one week a minimum of five times during that week.

- NOTE:** Pressure settings significantly affect the lifetime of 3M™ Trizact™ Diamond TZ Pads Blue. Using 3M™ Trizact™ Diamond TZ Pads Blue under high pressure will improve floors faster, but the pads will have a much shorter life span. If the machine has low, medium, and high pressure settings, 3M recommends using the medium pressure setting to start with. If the machine has low-high pressure settings, 3M recommends using the low pressure setting to start with.
5. Check the 3M™ Trizact™ Diamond TZ Pads Blue for wear daily before use. Replace them when the cloth backer becomes visible.

NOTE: The life of each set of 3M™ Trizact™ Diamond TZ Pads Blue will vary depending on floor conditions.

6. After cleaning the facility for one week, a minimum of five times during that week, remove the 3M™ Trizact™ foam backer pad(s) and the 3M™ Trizact™ Diamond TZ Pads Blue from the machine.
7. Dust the entire floor with 3M™ Easy Trap™ Duster prior to cleaning.
8. Mount the Scotch-Brite™ Diamond Floor Brush 3000 to the appropriately sized floor pad drive.
9. Fill the scrubber tank or mop bucket with properly diluted 3M™ Concrete Cleaner & Densifier, an alternative cleaner, or water.
10. Clean the facility using the medium water flow and light pressure settings on the auto scrubber.
11. For the best performance, rinse out the Scotch-Brite™ Diamond Floor Brushes 3000 with water after each use.
12. Remove the Scotch-Brite™ Diamond Floor Brush(es) 3000 from the machine or raise them off the floor after use to prevent bristle damage.
13. Replace the Scotch-Brite™ Diamond Floor Brush when the bristle length is less than 0.125 in. (3.2 mm). The Scotch-Brite™ Diamond Floor Brush will still work as long as there is resin, but drag increases when bristles are less than 0.125 in. (3.2 mm) in length.

For restoring low gloss floors:

This process combines the use of 3M™ Trizact™ Diamond TZ Pads, 3M™ Trizact™ foam backer pads, and Scotch-Brite™ Diamond Floor Brushes 3000 for full restoration and maintenance.

1. Refer to the [3M™ Trizact™ Diamond TZ Abrasive Pads & Strips Technical Data Sheet](#) and follow the “General Use Directions” to restore the floor.
2. Dust the entire floor with 3M™ Easy Trap™ Duster prior to cleaning.
3. Mount the Scotch-Brite™ Diamond Floor Brush 3000 to the appropriately sized floor pad drive.
4. Fill the scrubber tank or mop bucket with properly diluted 3M™ Concrete Cleaner & Densifier, an alternative cleaner, or water.
5. Clean the facility using the medium water flow and light pressure settings on the auto scrubber.
6. For the best performance, rinse out the Scotch-Brite™ Diamond Floor Brush 3000 with water after each use.
7. Remove the Scotch-Brite™ Diamond Floor Brush(es) 3000 from the machine or raise them off the floor after use to prevent bristle damage.
8. Replace the Scotch-Brite™ Diamond Floor Brush when the bristle length is less than 0.125 in. (3.2mm). The Scotch-Brite™ Diamond Floor Brush will still work as long as there is resin, but drag increases when bristles are less than 0.125 in. (3.2 mm) in length.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in serious injury or death

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 for 3M products go to 3M.com/SDS. To request SDS by mail, or in case of an urgent situation, call 1-800-364-3577 or 1-651-737-6501.

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

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and

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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. Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment, reviewing all applicable regulations and standards, and reviewing the product label and use instructions. Failure to properly evaluate, select, and use a 3M product in accordance with instructions or to meet all applicable safety regulations may result in injury, sickness, death, and/or harm to property.

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