

**3M** Science.  
Applied to Life.™

3M™ Concrete Floor Polishing and Maintenance System

# Your floor's time to shine.

Improve the gloss and clarity of uncoated concrete with a long-lasting system that simplifies maintenance.



# A better solution for uncoated concrete floors.

You can finally let your concrete floors shine. The 3M™ Concrete Floor Polishing and Maintenance System effectively cleans, polishes and maintains uncoated concrete floors. It doesn't rely on coatings, so it's better for your customers and the environment. The system may reduce the need for major restoration work, so you can improve the gloss and DOI of your floors with less time and effort.

## Long-lasting polishing power.

### Scotch-Brite™ Diamond Floor Brush

3M's proprietary floor bristle brush uses flexible bristles that conform to uneven floors or floor irregularities, including low spots in floors.

- Simplifies maintenance by providing both cleaning and gloss recovery in one step
- Easy to install and replace on standard floor equipment
- No assembly or presoaking required
- No sharp blades to worry about
- Significantly longer life and durability\* compared with diamond floor pads
- Diamond Floor Brush 1000 is for dull floors where a low to medium gloss/DOI is desired; Diamond Brush 3000 is for polished floors where a medium to high gloss/DOI is desired
- Longer brush life means less waste in landfills compared with floor pads

## Maximum appearance.

### 3M™ Concrete Floor Cleaner & Densifier

Choose a daily floor cleaner concentrate with excellent cleaning ability and a densifier to provide improved shine and durability on uncoated concrete.



- Works in tandem with the Scotch-Brite™ Diamond Floor Brush to maximize floor appearance

See how you can maintain and improve the appearance of your floors with less work and a lower budget.

**Visit [3m.com/floorcare](https://www.3m.com/floorcare) to schedule your demo.**

\*Depending on floor and usage conditions, the brush may last 18 times longer.



## Ordering Information

### Scotch-Brite™ Diamond Floor Brush 1000

Size	Case Qty.	Stock No.	Product No.
13" diameter	2	75040074041	7100231744
14" diameter	2	70001206203	7100263450
15" diameter	2	70001206245	7100262394
16" diameter	2	75040058440	7100231003
17" diameter	2	70001206211	7100262369
18" diameter	2	75040058457	7100228140
19" diameter	2	70001206229	7100262368
20" diameter	2	75040058465	7100228139

### Scotch-Brite™ Diamond Floor Brush 3000

Size	Case Qty.	Stock No.	Product No.
13" diameter	2	75040074058	7100231815
14" diameter	2	70001206161	7100263451
15" diameter	2	70001206237	7100262395
16" diameter	2	75040055131	7100230591
17" diameter	2	70001206187	7100262371
18" diameter	2	75040055123	7100229251
19" diameter	2	70001206195	7100262370
20" diameter	2	75040055115	7100230067

### 3M™ Concrete Floor Cleaner & Densifier Concentrate

Size	Case Qty.	Stock No.	Product No.
36A .5 gallon	4	70001206542	7100269866
Bulk 1 gallon	4	70001206534	7100269865



**Commercial Solutions Division**  
3M Center, Building 220-12E-04  
St. Paul, MN 55144-1000

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# A better solution for uncoated concrete floors.

You can finally let your concrete floors shine. The 3M™ Concrete Floor Polishing and Maintenance System effectively cleans, polishes and maintains uncoated concrete floors. It doesn't rely on coatings, so it's better for your customers and the environment. The system may reduce the need for major restoration work, so you can improve the gloss and DOI of your floors with less time and effort.



## Long-lasting polishing power.

### Scotch-Brite™ Diamond Floor Brush

3M's proprietary floor bristle brush uses flexible bristles that conform to uneven floors or floor irregularities, including low spots in floors.

- Simplifies maintenance by providing both cleaning and gloss recovery in one step
- Easy to install and replace on standard floor equipment
- No assembly or presoaking required
- No sharp blades to worry about
- Significantly longer life and durability\* compared with traditional and diamond floor pads
- Diamond Floor Brush 1000 for dull floors where a low to medium gloss/DOI is desired; Diamond Brush 3000 for polished floors where a medium to high gloss/DOI is desired
- Brush can be used with just water to clean and maintain floors; longer brush life means less waste in landfills compared with floor pads

See how you can maintain and improve the appearance of your floors with less work and a lower budget.

**Visit [3m.com/floorcare](https://3m.com/floorcare) to schedule your demo.**

\*Depending on floor and usage conditions, the brush may last 18 times longer.



**Commercial Solutions Division**  
3M Center, Building 220-12E-04  
St. Paul, MN 55144-1000

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### Ordering Information

Scotch-Brite™ Diamond Floor Brush 1000			
Size	Case Qty.	Stock No.	Product No.
13" diameter	2	75040074041	7100231744
14" diameter	2	70001206203	7100263450
15" diameter	2	70001206245	7100262394
16" diameter	2	75040058440	7100231003
17" diameter	2	70001206211	7100262369
18" diameter	2	75040058457	7100228140
19" diameter	2	70001206229	7100262368
20" diameter	2	75040058465	7100228139
Scotch-Brite™ Diamond Floor Brush 3000			
Size	Case Qty.	Stock No.	Product No.
13" diameter	2	75040074058	7100231815
14" diameter	2	70001206161	7100263451
15" diameter	2	70001206237	7100262395
16" diameter	2	75040055131	7100230591
17" diameter	2	70001206187	7100262371
18" diameter	2	75040055123	7100229251
19" diameter	2	70001206195	7100262370
20" diameter	2	75040055115	7100230067



### Quick Links

[Facilities Website](#)

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

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

### What is the Scotch-Brite™ Diamond Floor Brush?

Long-lasting, conformable diamond bristle brush designed to clean and polish uncoated concrete in one step. For daily use on low speed floor equipment.

Two versions of the Scotch-Brite™ Diamond Floor Brush are available:

- Scotch-Brite™ Diamond Floor Brush 1000 (Grit)
- Scotch-Brite™ Diamond Floor Brush 3000 (Grit)

### How do I pick the right Scotch-Brite Diamond Floor Brush for my floor condition?

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.

### What floor surfaces can I clean with the Scotch-Brite™ Diamond Floor Brush?

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.

### How much will the Scotch-Brite™ Diamond Floor Brush increase the shine on my floor?

Shine increase will vary with frequency of use, traffic levels, equipment, substrate, and initial level of shine. In extreme traffic environments, Scotch-Brite™ Diamond Floor Brush can slow the deterioration in shine, while in lower traffic areas the shine will increase from a low starting value.

### I just started using the Scotch-Brite™ Diamond Floor Brush. Why don't I see a difference in my floor's shine?

While some customers may see an immediate increase in shine, it is not uncommon for results to develop more slowly. Scotch-Brite™ Diamond Floor Brush should improve shine with repeated use over time.

### I have been using the Scotch-Brite™ Diamond Floor Brush daily for an extended period of time, why don't I see an increase in my floor's shine?

If you have not yet noticed an increase in shine, it is likely due to high traffic levels. In this case, it is likely that Scotch-Brite™ Diamond Floor Brush has slowed the rate of deterioration in shine allowing for a reduction in maintenance.

### Is it possible to demo the 3M™ Concrete Floor Polishing and Maintenance System?

Yes. Depending on the floor conditions, choose either the Scotch-Brite™ Diamond Floor Brush 1000 or the Scotch-Brite™ Diamond Floor Brush 3000 and perform 30 passes in a small area to simulate a month worth of cleaning. Use the "How do I pick the right Scotch-Brite Diamond Floor Brush for my floor condition?" to help pick the correct product.

### Can I use the Scotch-Brite™ Diamond Floor Brush on high speed burnishing equipment?

No. These brushes are only recommended for use on low speed rotary or auto scrubber equipment under wet conditions at 150-600 RPM. Use on high speed burnishing equipment of 1,500 or more RPM is not recommended.

### Can I use the Scotch-Brite™ Diamond Floor Brush on scrubbing equipment without a center hub attachment?

Yes. While hub attachment is highly recommended on auto scrubbing equipment to ensure ease of use and installation, Scotch-Brite™ Diamond Floor Brush is also suitable for use on rotary (swing) machines which do not have a center attachment.

### Can I use the Scotch-Brite™ Diamond Floor Brush for floor stripping?

The Scotch-Brite™ Diamond Floor Brush is not recommended or intended for use with floor stripping chemicals for finish removal. It is designed specifically for cleaning and light polishing of floors. Select an appropriate 3M stripping pad depending on your floor substrate instead.

### Can I use the Scotch-Brite™ Diamond Floor Brush on coated floors?

No. The Scotch-Brite™ Diamond Floor Brush is not for use on topical coated concrete (acrylic coated, protector, or urethane coated). The Scotch-Brite™ Diamond Floor Brush will work with impregnators and penetrating sealers.

### **How do I know if my floor is coated?**

A standing water test can be performed to help determine if the floor is coated or not. Place a small (golf ball-sized) amount of water on the floor. Let stand for 5 to 10 minutes and inspect the water. Does the water bead up or have high surface tension? Remove the water with a cloth or paper towel and inspect the floor. If the floor has darkened from the standing water, it is likely uncoated. If the water has beaded up and the color of the floor has not changed, it is likely coated.

### **Can I use the Scotch-Brite™ Diamond Floor Brush on ceramic tile floors?**

No.

### **Can I use the Scotch-Brite™ Diamond Floor Brush on crystallized marble floors?**

No.

### **Can I use the Scotch-Brite™ Diamond Floor Brush on resilient floors?**

No.

### **Can I use the Scotch-Brite™ Diamond Floor Brush to clean with water only?**

Yes. Scotch-Brite™ Diamond Floor Brush is effective with just water.

### **Can I use the Scotch-Brite™ Diamond Floor Brush with a neutral cleaner?**

Yes. While Scotch-Brite™ Diamond Floor Brush is most effective when used in an auto scrubber with the 3M™ Concrete Floor Cleaner & Densifier, you have the option to use a neutral cleaner or the cleaner of your choice mixed to the proper dilution.

### **How do I know when it is time to discard and replace a Scotch-Brite™ Diamond Floor Brush?**

It is time to 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, drag increases when bristles are less than 0.125 in. (3.2 mm) in length.

### **How long does the Scotch-Brite™ Diamond Floor Brush last?**

Depending on many factors, including but not limited to: floor type, floor condition, pad pressure, water/chemical flow, chemical selection, etc., the Scotch-Brite™ Diamond Floor Brush can clean 3,000,000 to 6,000,000 sq ft (280,000 to 555,000 sq m) before needing to be replaced.

### **What is the difference between the Scotch-Brite Diamond Floor Brush and Diamond floor pads?**

The Scotch-Brite Diamond Floor Brush has significantly longer life and durability compared with traditional and competitive diamond floor pads. Depending on floor and usage conditions, the Scotch-Brite Diamond Floor Brush may last 18 times longer than competitive diamond floor pads.

### **Is there noise when using the Scotch-Brite™ Diamond Floor Brush?**

Noise levels from using the Scotch-Brite™ Diamond Floor Brush may be slightly higher compared to floor pads, but may be lower compared to rigid diamond systems or rigid brushes.

### **What if I see soil build up between the bristles?**

Soil can build up between the bristles but should not affect the overall performance of the brush. Rinsing the brushes daily will help reduce soil loading.

### **What pad pressure should be used on auto scrubbers?**

For machines with low, medium, and high pressure settings 3M recommends using the low pressure setting to start with. For machines with low-high pressure settings, 3M recommends using the low pressure setting to start with. Adjust as needed. Increased pressure may decrease the life of the Scotch-Brite™ Diamond Floor Brush.

### **Can the Scotch-Brite™ Diamond Floor Brush be used on a self-driving auto scrubber?**

Yes.

### **What is 3M™ Concrete Cleaner & Densifier?**

3M™ Concrete Cleaner & Densifier is a daily cleaning solution that removes surface soils and contaminants while also densifying floors to a more pristine condition. It may provide visual and increased hardness benefits by filling and reacting in the pore space depending on the existing condition of the surface and the duration of use.

### **What does a densifier do?**

A densifier penetrates into the surface pores of concrete and reacts with calcium hydroxide, a by-product of the Portland cement hydration reaction, to form calcium silicate hydrate (CSH). CSH is a hard and dense material that fills the surface pores making the surface stronger, more durable, more impermeable, and less susceptible to dusting.

### **What flooring surfaces are suitable for use with 3M™ Concrete Cleaner & Densifier?**

3M™ Concrete Cleaner & Densifier is designed for use on uncoated\* concrete floors. It is also suitable for use on uncoated\* calcium based stones including marble, travertine, limestone, and cement based terrazzo hard floor surfaces.

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

### **What cleaning chemical alternative is best if I have uncoated epoxy terrazzo or granite?**

Due to the reduced effectiveness of the densifier, the 3M™ Clean & Shine Daily Floor Enhancer would be the primary recommended cleaner on these floor substrates.

### **Can I use the 3M™ Concrete Cleaner & Densifier on resilient floors?**

No.

### **Will the 3M™ Concrete Cleaner & Densifier change the color/appearance of my floor?**

Daily use of the densifier may slightly darken the concrete, but most customers should not see a noticeable change.

**Can the 3M™ Concrete Cleaner & Densifier be used on Scotchgard™ Stone Floor Protector or other coatings?**

The 3M™ Concrete Cleaner & Densifier is not intended for use on any floor coatings; including floor finishes, protectors, or epoxy coatings.

**Does using the 3M™ Concrete Cleaner & Densifier improve the gloss and Distinctness of Image(DOI) independently of the Scotch-Brite™ Diamond Floor Brush?**

Yes. Lab tests have shown the 3M™ Concrete Cleaner & Densifier can help improve gloss/DOI when compared to water.

**How is 3M™ Concrete Cleaner & Densifier different than traditional floor cleaning chemicals?**

This proprietary technology not only provides exceptional cleaning power but also offers densifying benefits that may include gloss and DOI enhancement, increased surface hardness, and reduced dusting.

**Do I need to rinse my floor after using the 3M™ Concrete Cleaner & Densifier?**

No.

**How often should I clean the floor with 3M™ Concrete Cleaner & Densifier?**

3M recommends using 3M™ Concrete Cleaner & Densifier daily. Periodic usage may not provide the product's restorative effects.

**I have been using 3M™ Concrete Cleaner & Densifier daily for an extended period of time, why don't I see an increase in shine on my floor?**

If you have not yet noticed an increase in shine it is likely due to high traffic levels or a highly porous surface. In this case, it is likely that 3M™ Concrete Cleaner & Densifier requires more frequent use, or application of a more concentrated densifier may be needed.

**Will 3M™ Concrete Cleaner & Densifier replace the need for a floor coating in my facility?**

No. 3M™ Concrete Cleaner & Densifier is not meant to fully protect uncoated surfaces. Staining and etching of the floor can still occur. If staining and etching is of concern, the Scotchgard™ Stone Floor Protector is recommended.

**What is the dilution ratio for the bulk 3M™ Concrete Cleaner & Densifier?**

One ounce of 3M™ Concrete Cleaner & Densifier makes 3 gallons of ready-to-use cleaning solution (1:384).

**What are the dispensing options for 3M™ Concrete Cleaner & Densifier?**

3M™ Concrete Cleaner & Densifier can be dispensed using the 3M™ Flow Control System Wall Mount Dispenser or the 3M™ Flow Control System Portable Dispenser. For portable use, the product is also offered in a bulk gallon bottle concentrate for on-site dilution.

**What type of coverage can I expect per bottle of 3M™ Concrete Cleaner & Densifier?**

Refer to the 3M™ Concrete Cleaner & Densifier technical data sheet for product yield based on packaging type.

**What is the shelf life of 3M™ Concrete Cleaner & Densifier?**

3M™ Concrete Cleaner & Densifier concentrate can be used up to one year from the date of manufacture. Refer to the product's packaging for specific dates.

**Are there any special storage considerations for 3M™ Concrete Cleaner & Densifier?**

3M™ Concrete Cleaner & Densifier must be stored at between 40°F and 90°F (4°C to 32°C). Storing 3M™ Concrete Cleaner & Densifier in environments outside of that range may compromise product performance and stability.

**Can 3M™ Concrete Cleaner & Densifier be used outdoors?**

No.

**I don't have an autoscrubber, can I still use 3M™ Concrete Cleaner & Densifier?**

Yes. 3M™ Concrete Cleaner & Densifier can be diluted into a mop bucket and applied with a mop.

**Does 3M™ Concrete Cleaner & Densifier contain any fragrance?**

No.

## 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](https://www.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 apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information. If you have questions about this Product, contact the **Customer Service Department at 1-800-626-8578**.

## Product Selection and 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. 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.

## Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. 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.

## Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.





## 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.

### Quick Links

[Facilities Website](#)

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

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

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:

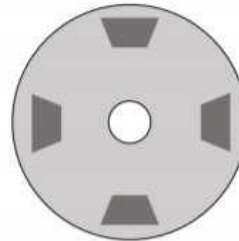
### For refreshing medium gloss floors:

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

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# Scotch-Brite™ Diamond Floor Brush

1000 Grit & 3000 Grit

Technical Data Sheet

Revision A, March 2022



## Product Description

Long-lasting, conformable diamond bristle brush designed to clean and polish uncoated concrete in one step. For daily use on low speed floor equipment.

Two grit levels of the Scotch-Brite™ Diamond Floor Brush are available:

- Scotch-Brite™ Diamond Floor Brush 1000
- Scotch-Brite™ Diamond Floor Brush 3000

This product is designed to be used as part of the 3M™ Concrete Floor Polishing and Maintenance System alongside the 3M™ Concrete Cleaner & Densifier.

## Special Features

- Designed to clean & polish uncoated concrete floors.
- Can improve concrete floors' gloss and clarity/distinctness of image (DOI).
- Flexible bristles conform to uneven floors providing uniform appearance and cleanliness.
- Significantly longer life and durability compared with traditional and competitive diamond floor pads. Depending on floor and usage conditions, the Scotch-Brite™ Diamond Floor Brush may last 18 times longer than competitive diamond floor pads.
- Easily and quickly replaceable
- No pre-soaking required
- Bladeless installation
- No assembly required

Depending on many factors, including but not limited to: floor type, floor condition, pad pressure, water/chemical flow, chemical selection, etc., the Scotch-Brite™ Diamond Floor Brush can clean 3,000,000 to 6,000,000 sq ft (280,000 to 555,000 sq m) before needing to be replaced.

## Standard Sizes

Circular discs are available in a variety of common sizes. Brushes are approximately 1 in. thick.

## Storage

Store indoors in original packaging under normal climate controlled facility conditions.

## Packaging and Marking

Each carton is labeled to identify the contents by product name, size, quantity, and manufacturer. Each brush does have a foam color identifier.

### Quick Links

[Facilities Website](#)

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

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

## Applications

- **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.

### 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.

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.

## Product Characteristics

Scotch-Brite™ Diamond Floor Brush	
Fiber Type	Polyurethane foam, resin bristles containing diamond particles
O.D. Dimension	Designated Size ± 1/16 in.
Thickness	Approximately 1 in.



### DANGER

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



### CAUTION

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**3M** Science.  
Applied to Life.™

## Pad Use and Cleaning

**NOTE:** For instructions on use as part of the 3M™ Concrete Floor Polishing & Maintenance System please see the 3M™ Concrete Floor Polishing & Maintenance System Technical Bulletin.

Brushes may be rinsed with water to remove soil and debris as needed.

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 or 3000 on autoscrubbers.
  - a. 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 auto scrubber's medium water flow and light pressure settings.
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.

### DANGER

To reduce the risks associated with inhalation of or exposure to contaminants:

- DO NOT use this product on any asbestos-containing material.

Always follow standard safety practices, including wearing appropriate protective apparel, including eye protection, while using this product.

## Health and Safety

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