

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

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

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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

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

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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.

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