

Quick Links

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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.

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