



# Scotch-Brite™ Diamond Floor Pad Plus System

## Technical Data

February 2008

### Description:

The Scotch-Brite™ Diamond Floor Pad Plus stone system is designed for cleaning and conditioning (improve/maintain) marble and polished concrete stone floors. The products of this system are intended to be used with conventional rotary or auto-scrubber floor equipment. The system includes three products:

**1. The Scotch-Brite™ Sienna Diamond Floor Pad Plus** is a premium quality floor maintenance pad, made of high quality synthetic fiber, with abrasive particles, including high quality synthetic diamonds, bonded with a durable resin to the non-woven pad. (Special Feature: The non-printed dark, bottom side of pad is the work surface.)

**2. The Scotch-Brite™ Purple Diamond Floor Pad Plus** is a premium quality floor maintenance pad, made of high quality synthetic fiber, with abrasive particles, including high quality synthetic diamonds, bonded with a durable resin to the non-woven pad. (Special Feature: The non-printed dark, bottom side of pad is the work surface.)

**3. 3M™ Topline Pre-Burnish Floor Conditioner** chemical used with either pad to provide a compatible cleaner/ conditioner for the floor surface.

**Note:** In addition to 3M™ Topline Pre-Burnish Floor Conditioner, Scotch-Brite™ Diamond Floor Pad Plus system can be used with all other 3M™ neutral cleaner products.

### Applications:

(Typical marble and polished Concrete flooring: e.g.

**Polished Concrete (having various surface finish grades e.g. #3,000, #1,800, etc. and or densifying products).**

**Marble**

**Travertine (Limestone)**

**Terrazzo (Portland or Resin matrix)**

**This Scotch-Brite™ Diamond Floor Pad Plus system is for use on marble and polished concrete stone floors.**

**Note:** Siliceous Stones such as **Granite and Slate will not respond to the Scotch-Brite™ Diamond Floor Pad Plus system and therefore, are not recommended as a suitable floor surface.**

### General Use Directions:

**Note:** Calcium containing stones are natural substances with varying hardness and chemical compositions. Test floor surfaces in an inconspicuous area to set procedure and obtain desired results before general use.

**Specific floor starting conditions:**

### Determine condition of the floor:

**A.** Low gloss, some surface roughness, traffic lanes, noticeable.

Or

**B.** Medium gloss, smooth surface, fairly uniform floor appearance.

Or

**C.** High gloss, ultra smooth surface.

### (Auto-scrubber: Large areas)

- A. Floor condition (low appearance)
  1. Dust mop (3M™ Easy Trap) and clean floor surface.
  2. Install Scotch-Brite™ Sienna Diamond Floor Pad Plus on auto-scrubber. Fill solution tank with properly diluted solution (1:128 3M™ Topline Pre-Burnish Conditioner).
  3. Scrub floor and pick up solution with squeegee/vacuum.
  4. Repeat operation 6 to 12 times using either once a day or multiple passes.  
-Floor will now be conditioned for best micro-polishing performance using Scotch-Brite™ Purple Diamond Floor Pad Plus.
  5. Replace Scotch-Brite™ Sienna Diamond Floor Pad Plus with Scotch-Brite™ Purple Diamond Floor Pad Plus. Use same properly diluted 3M™ floor conditioner solution (1:128).

6. Scrub floor and pick up solution with squeegee/vacuum
7. Repeat use of Scotch-Brite™ Purple Diamond Floor Pad Plus 6 to 12 times using either once a day or multiple passes, to obtain optimal appearance
8. Damp mop floor (3M™ Easy Scrub or 3M™ Easy Scrub Express system then dust mop (3M™ Easy Trap system) to remove any residue or auto-scrubber streaking.

**B. Floor Condition:(Medium Appearance)**

Follow procedure A, but reduce number of passes of Scotch-Brite™ Sienna Diamond Floor Pad Plus to 6 (X) followed by (6-12) passes of Scotch-Brite™ Purple Diamond Floor Pad Plus.

**C. Floor Condition High Appearance**

Use the Scotch-Brite™ Purple Diamond Floor Pad Plus (only) and 3M™ Topline Pre-burnish Conditioner periodically or once a day to maintain high appearance level, especially in traffic lane areas. Use the 3M™ 5300 Auto-scrubber pad for daily cleaning when traffic and soiling conditions warrant minimum maintenance.

**(Rotary floor machine and Spray buff method: small areas)**

**Note:** For spray-buff applications, use a 'coarse' spray setting on bottle.

- A. Floor condition (low)
  1. Dust mop and clean floor area.
  2. Install Scotch-Brite™ Sienna Diamond Floor Pad Plus under floor machine.

3. Select a 3' X 3' area, apply 3M™ Topline Pre-burnish Floor conditioner via trigger spray bottle, and uniformly cover area.
4. Buff area completely using circular motion, overlapping areas already buffed. (6 to 12 passes)
5. Install Scotch-Brite™ Purple Diamond Floor Pad Plus and repeat steps (1 to 4).

**B. Floor Condition: (Medium)**  
Reduce by half, the number of passes with Scotch-Brite™ Sienna Diamond Floor Pad Plus before changing to the Scotch-Brite™ Purple Diamond Floor Pad Plus.

**C. Floor Condition: (High)** Use only the Scotch-Brite™ Purple Diamond Floor Pad Plus, for maintaining high appearance. Use Scotch-Brite™ 5300 Auto-scrubber pad when traffic and soiling conditions warrant minimum maintenance.

**Note:** Damp mopping may be substituted for spray-buffing along with using a wet-vac to remove excess solution.

**General Information:** Proper use of the 3M™ Scotch-Brite™ Diamond Floor Pad Plus system will help remove slight scratches and produce a moderate to high appearance on stone floor surfaces. Repeat process as needed.

Frequency of use and process will depend on soiling, traffic patterns and desired appearance levels. Use of proper matting, dust mopping and daily spill removal will help maintain floor appearance.

**Maintenance of Scotch-Brite™ Diamond Floor Pad Plus:**

1. Remove pad from machine after each use.

2. Clean pad after each use by using spray hose and water. Ending the pad cleaning cycle by spraying pad from top printed side of pad, to bottom of pad.
3. Hang pad for proper drying before next use.
4. Note: Pads become ineffective when dark coating has been worn away. Durability of pads dependent on smoothness of floor surface, degree of lippage and proper pad cleaning maintenance.

**Product Specifications:**  
(Typical Values)

**Scotch-Brite™ Sienna Diamond Floor Pad Plus**

- 1.0 Product Description:  
Product is a non-woven commercial floor pad. Consisting of synthetic fibers in an open textured non-woven construction. Abrasive particles, including high quality synthetic diamonds, are bonded to the work surface on the non-woven with durable resins.
- 2.0 Intended Use:  
The Scotch-Brite™ Sienna Diamond Floor Pad Plus cleans and conditions the floor using standard floor equipment.
- 3.0 Color and markings:  
Olive body with dark sienna work. Surface, black Scotch-Brite™ logo on non-work side of pad.

**Scotch-Brite™ Purple Diamond Floor Pad Plus**

- 1.0 Product Description:  
Product is a non-woven commercial floor pad consisting of synthetic fibers in an open construction. Abrasive particles, including high quality synthetic diamonds, are bonded to the work surface on the non-woven pad with durable resins.

## 2.0 Intended Use:

The Scotch-Brite™ Purple Diamond Floor Pad Plus micro polishes the floor surface using standard floor equipment.

## 3.0 Color and markings:

Light purple body with dark purple work surface. Black Scotch-Brite logo on non-work side of pad.

## Concentrate:

1. pH: 10
2. Flash Point: N/A (None)
3. Solubility in Water: Complete
4. Specific Gravity: 1.04
5. Viscosity: ca. 100 centipoise
6. Boiling Point: 212° F
7. Fragrance: Fresh scent
8. Appearance: Clear, Green liquid

Caution! May cause slight eye irritation. Vapor overexposure may be irritating.

**Refer to product Material Safety Data Sheets (MSDS: 11-2036-9) for specific health hazard, first aid and precautionary information.**

## 3M™ Topline Pre-Burnish Floor Conditioner

### Precaution Summary:

**Note: 3M™ Topline Pre-Burnish Floor Conditioner Concentrate:**

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### Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



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