

# TECHNICAL BULLETIN

## Marmoleum® with Topshield2™ Floor Care Guidelines for Operating or Procedure Rooms

The following procedures provide detailed recommendations for cleaning Marmoleum® with Topshield2™ floors in Operating or Procedure Rooms. These areas generally have standard operating procedures (SOP) and the following recommendations were designed to coincide with those procedures, offering specific care recommendations for the floor.

Due to its unique composition, in repeated testing, Marmoleum® with Topshield2™ is the most restorable flooring product in the market. Depending on the particular conditions/sign of use (stain or wear) on the flooring, there are various processes which can be used to bring Marmoleum back to "like new" new condition. For recommendations on repairs that are not outlined in this document, please contact Forbo Product Support & Education Services.

### NOTE:

In order to allow the adhesive to dry and cure properly, wait a minimum of 72 hours following the installation before conducting initial cleaning or other wet cleaning procedures. For installations over non-porous substrates, additional time may be necessary because the adhesive may take longer to dry and cure.

### INITIAL CLEANING

Cleaning performed for new installations.

1. Remove all surface soil, debris, sand and grit by sweeping, vacuuming or dust mopping.
2. Mix a neutral pH cleaning solution according to the label directions.  
**IMPORTANT: The pH of the cleaner in solution must be between 6 – 8 pH. Please refer to the list at the end of this document for recommended products.**
3. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop and bucket or an automatic scrubber.
4. Scrub the floor with a rotary scrubber or automatic scrubber using a 3M™ TopLine Autoscrubber Pad #5000 or equivalent.
5. If not using an automatic scrubber, pick up the scrubbing solution with a wet vacuum.
6. Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum or automatic scrubber.
7. Allow the floor to dry thoroughly.
8. Use Forbo Beta-Buffer to spray buff the floor using a 175 RPM swing machine and a 3M™ TopLine Autoscrubber Pad #5000 or equivalent, followed by dust mopping.

**NOTE: Forbo Beta-Buffer has been specially formulated for the use in health care, specifically in areas that will frequently use betadine. Although Marmoleum® with Topshield2™ is resistant to betadine stains, as the Topshield2™ wears throughout the life of the flooring, the Forbo Beta-Buffer will continue to protect the Marmoleum from becoming stained.**

## **ROUTINE CLEANING**

Cleaning performed between procedures in the room or at the end of the day.

1. Remove all surface soil, debris, sand and grit by sweeping, vacuuming or dust mopping.
2. Apply a generous amount of a hospital grade disinfectant solution, diluted according to the label directions.
3. Apply the solution to the floor using a mop and bucket. Let the solution dwell on the floor following the manufacturer's recommendations.
4. Pick up the solution with wet vacuum.
5. Allow the floor to dry thoroughly before allowing traffic.

## **DEEP CLEANING**

Cleaning performed at the end of the day or as needed, depending on the hours of operation.

1. Remove all surface soil, debris, sand and grit by sweeping, vacuuming or dust mopping.
2. Apply a generous amount of a hospital grade disinfectant solution, diluted according to the label directions.
3. Apply the solution to the floor using a mop and bucket. Allow the solution to dwell on the floor following the manufacturer's recommendations.
4. Scrub the floor with a rotary scrubber or automatic scrubber using a 3M™ TopLine Autoscrubber Pad #5000 or equivalent.
5. Pick up the solution with wet vacuum.
6. Allow the floor to dry thoroughly before allowing traffic.

## **RESTORATION CLEANING: SPRAY BUFF**

Restoration procedures should be performed as needed when the deep cleaning procedures no longer produce the desired result.

1. Remove all surface soil, debris, sand and grit by sweeping, vacuuming or dust mopping.
2. Mix a neutral pH cleaning solution according to the label directions.  
**IMPORTANT: The pH of the cleaner in solution must be between 6 – 8 pH. Please refer to the list at the end of this document for recommended products.**
3. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop and bucket or an automatic scrubber.
4. Scrub the floor with a rotary scrubber or automatic scrubber using a 3M™ TopLine Autoscrubber Pad #5000 or equivalent.
5. If not using an automatic scrubber, pick up the scrubbing solution with a wet vacuum.
6. Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum or automatic scrubber.
7. Allow the floor to dry thoroughly.
8. Use Forbo Beta-Buffer to spray buff the floor using a 175 RPM swing machine and a 3M™ TopLine Autoscrubber Pad #500 or equivalent, followed by dust mopping.

**NOTE: Forbo Beta-Buffer has been specially formulated for the use in health care, specifically in areas that will frequently use betadine. Although Marmoleum® with Topshield2™ is resistant to betadine stains, as the Topshield2™ wears throughout the life of the flooring, the Forbo Beta-Buffer will continue to protect the Marmoleum from becoming stained.**

## **RESTORATION CLEANING: FLOOR FINISH**

If the floor has received improper care for an extended period of time, applying an acrylic-based floor finish according to the label directions may be required to properly restore the floor. **Urethane based finishes are NOT recommended for Marmoleum®.**

1. Remove all surface soil, debris, sand and grit by sweeping, vacuuming or dust mopping.
2. Mix a general purpose cleaning solution according to the label directions.  
**IMPORTANT: The pH of the cleaner in solution must be between 8 – 10.4 pH. Please refer to the list at the end of this document for recommended products.**
3. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop and bucket or an automatic scrubber.
4. Allow the solution to remain on the floor for 5 -10 minutes. Heavy scrub the floor using a rotary scrubber or automatic scrubber and a 3M™ Blue Cleaner Pad #5300. **The use of black or brown pads is NOT recommended.**
5. If not using an automatic scrubber, pick up the scrubbing solution with a wet vacuum.
6. Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum or automatic scrubber.
7. Allow the floor to dry thoroughly.
8. Applying 2 coats of an acrylic-based floor finish according to the label directions may be required to properly restore the floor.

## **RECOMMENDED FLOOR CARE PRODUCTS**

### **Neutral pH Cleaners:**

Forbo Neutral pH Cleaner  
ProLink Level 7  
Spartan Damp Mop  
3M Neutral Cleaner 3H  
Diversey Stride

### **General Purpose Cleaners:**

Forbo Heavy Duty Cleaner  
ProLink Synthetic Floor HD Cleaner  
Spartan Industrial Pathmaker  
3M General Purpose Cleaner/Concentrate 8H  
Diversey Profi  
Diversey GP Forward

### **Spray Buffs:**

Forbo Beta- Buff\*  
\*Because of its unique formulation, Forbo Beta- Buff is the only recommended spray buff for operating and procedure room applications.

### **Acrylic-Based Matte Floor Finishes\*\*:**

Forbo Matte Finish  
ProLink Matte Finish  
Spartan On Base  
3M Cornerstone  
Diversey Carefree Matte  
\*\*If a gloss finish is desired, contact Forbo Product Support & Education Services for recommended products.

**For additional information on a product or for your local supplier, contact:**

Forbo Flooring Systems  
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Forbo's Floor Care Guide contains additional information about floor care and is available for download at [www.forboflooringNA.com](http://www.forboflooringNA.com). For a hard copy, or for additional information, contact Forbo Product Support & Education Services at +800 842 7839.