

Caring for Marmoleum® Ohmex with Topshield2™

Forbo Marmoleum® Ohmex is made from natural ingredients including linseed oil, rosin binders, wood flour, limestone, dry pigments and a conductive additive which are mixed and then calendared onto a natural jute backing. Marmoleum® Ohmex features Topshield2™ – Forbo's high performance factory applied finish. Its double layer UV cured technology delivers extraordinary performance and clear and vibrant colors that remain over time. Marmoleum® Ohmex with Topshield2™ requires no initial maintenance or polymer application. This means that at the time of installation, cleaning with a neutral pH cleaning solution is all that is necessary. The surface can be repaired or refreshed in cases of accidents or after years of intensive use.

The following guidelines are for ESD Control applications. **It is NOT recommended to apply spray buff, mop on restorer or finish to Marmoleum® Ohmex, as it can affect the ESD properties of the flooring.**

IMPORTANT! Before starting any cleaning procedures on any Forbo products, contact Forbo's Product Support & Education Services for additional information, recommendations or to schedule a site visit. The best results may not be achieved if the chemical and equipment types recommended below are not used. The size of the equipment recommended may also vary based on the size of the space or application type.

NOTE: Forbo Flooring Systems does not warrant or guarantee the performance of other manufacturers' products mentioned in these guidelines. For specific information regarding Forbo's warranty, visit www.forboflooringNA.com or contact Forbo's Product Support & Education Services.

INITIAL CLEANING

Cleaning performed for new installations exposed to normal construction soil and traffic. It is necessary to protect newly installed floors from construction soil, traffic and damage until they are ready for initial cleaning. In order to allow the adhesive to dry and cure properly, wait a minimum of five days 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.

1. Remove all surface soil, debris, sand and grit by dust mopping the floor with 3M™ Easy Trap, sweeping or vacuuming with a wet/dry vacuum such as Tennant/Nobles V-WD-15S or equivalent.
2. Mix a neutral pH cleaning solution according to the label directions. The pH of the cleaner in solution must be between 6.0 – 8.0 pH. Refer to the list at the end of this section for recommended products.
3. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent. Allow the solution to dwell on the floor for 5 – 10 minutes. Additional dwell time may be necessary for heavily soiled areas.
4. Scrub the floor with either a low speed rotary machine such as Tennant/Nobles FM-17-SS or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent using a 3M™ Red Buffer Pad #5100 or equivalent. If using an automatic scrubber, it is recommended to double scrub the floor.
NOTE: For heavier soil loads or to remove adhesive residue, use a 3M™ TopLine Autoscrubber Pad #5000 or equivalent.
5. Pick up the scrubbing solution with a wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent.
6. Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent.
7. Allow the floor to dry thoroughly before allowing traffic.
8. If desired, a satin gloss may be obtained by burnishing using a 3M™ Eraser Pad #3600 or equivalent, followed by dust mopping. It is NOT recommended to apply spray buff, mop on restorer or finish to Marmoleum® Ohmex.

ROUTINE CLEANING

Cleaning performed a minimum of once a day, depending on the application, type of traffic and hours of operation.

1. Stains or spills should be wiped or mopped up immediately with a damp mop using a neutral pH cleaning solution. Rinse the affected area with clean, cool water. Be sure to allow the floor to dry thoroughly before allowing traffic. The pH of the cleaner in solution must be between 6.0 – 8.0 pH. Refer to the list at the end of this section for recommended products.
2. Remove all surface soil, debris, sand and grit by dust mopping the floor with 3M™ Easy Trap, sweeping or vacuuming with a wet/dry vacuum such as Tennant/Nobles V-WD-15S or equivalent.
3. Mix a neutral pH cleaning solution according to the label directions. The pH of the cleaner in solution must be between 6.0 – 8.0 pH. Refer to the list at the end of this section for recommended products.
4. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent. Allow the solution to dwell on the floor for 5 – 10 minutes. Additional dwell time may be necessary for heavily soiled areas.
5. Scrub the floor with either a low speed rotary machine such as Tennant/Nobles FM-17-SS or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent using a 3M™ Red Buffer Pad #5100 or equivalent. If using an automatic scrubber, it is recommended to double scrub the floor.
NOTE: For heavier soil loads, a 3M™ TopLine Autoscrubber Pad #5000 or equivalent may be used.

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6. Pick up the scrubbing solution with a wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent.
Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent.
7. Allow the floor to dry thoroughly before allowing traffic.

INTERIM CLEANING

Cleaning performed as needed, depending on the application, type of traffic and hours of operation. The following processes should be followed when the routine cleaning is not removing the soil from the floor.

1. Remove all surface soil, debris, sand and grit by dust mopping the floor with 3M™ Easy Trap, sweeping or vacuuming with a wet/dry vacuum such as Tennant/Nobles V-WD-15S or equivalent.
2. For light soiling, mix a neutral pH solution according to the label directions. The pH of the neutral cleaner in solution must be between 6.0 – 8.0 pH. For medium or heavy soiling, mix 2 oz. of a general purpose cleaner per gallon of water. The pH of the general purpose cleaner in solution must be between 8.0 – 10.4 pH. Refer to the list at the end of this section for recommended products.
3. Apply the solution to the floor. Do NOT flood the floor. The solution can be applied with either a mop or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent. Allow the solution to dwell on the floor for 5 – 10 minutes. Additional dwell time may be necessary for heavily soiled areas.
4. Scrub the floor with either a low speed rotary machine such as Tennant/Nobles FM-17-SS or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent using either a 3M™ Red Buffer Pad #5100 or equivalent for light soiling or a 3M™ TopLine Autoscrubber Pad #5000 or equivalent for medium or heavy soiling.
5. Pick up the scrubbing solution with a wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent
6. Rinse the entire floor surface with a clean mop using clean, cool water. Pick up rinse water with wet vacuum such as Tennant/Nobles V-WD-15S or equivalent or an automatic scrubber such as Tennant T300, Nobles Speed Scrub 300 or equivalent.
7. Allow the floor to dry thoroughly before allowing traffic.
8. If desired, one of the following procedures can be performed to obtain a satin gloss:
 - a. Dry buff the floor using a low speed rotary machine such as Tennant/Nobles FM-17-SS or equivalent and a 3M™ Red Buffer Pad #5100 or equivalent, followed by dust mopping.
 - b. Burnish / Dry buff the floor using a burnisher such as Tennant/Nobles BR-2000-DC or equivalent with a 3M™ Eraser Pad #3600 or equivalent, followed by dust mopping
 - c. **IMPORTANT!!** It is NOT recommended to apply spray buff, mop on restorer or finish to Marmoleum® Ohmex.

NOTE: Weather, traffic and geographical location will influence the required frequency of this procedure. For example, in areas where there are large amounts of snow and chemicals used in the winter months it will likely be necessary to perform this procedure more frequently. In dry climates, or where there is less dirt traffic, it may not be necessary to perform this procedure as frequently.

CAUTION: Marmoleum® with Topshield2™ can be damaged by traditional wet stripping methods. If the above floor care recommendations are followed, wet stripping will NOT be necessary. If wet stripping methods are or have been used on the floor, contact Forbo's Product Support & Education Services for additional information.

Forbo Marmoleum® should be cared for by a staff trained to understand the following:

- A regular floor care program, as described above, should be followed closely.
- Forbo Marmoleum® with Topshield2™ is OCCUPANCY READY following installation.
- The removal of Topshield2™ is NOT recommended.
- If finish is applied, Topshield2™ is no longer the wear surface and the properties it provides to Marmoleum® will be compromised.
- If applying a third party polymer to Marmoleum®, follow the manufacturer's recommended guidelines.
- It is the responsibility of the chemical manufacturer to provide a resolution for any issues that may arise when using their product on Forbo Marmoleum® and linoleum products.

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RECOMMENDED FLOOR CARE PRODUCTS

The following list of recommended floor care chemicals have been tested for compatibility with Forbo products. This list is provided to offer the best opportunity to care for your flooring and meet the needs of your facility. **If you prefer to use a manufacturer's floor care chemicals that are not listed, be sure to use a corresponding cross-referenced product.** For additional information on a product or for your local supplier, refer to the Contacts section of the Forbo Commercial Floor Care Guide.

Neutral pH Cleaners:

Forbo Neutral pH Cleaner
3M™ Neutral Cleaner 3H
Pro-Link Level 7
Spartan Damp Mop
Diversey Stride
Ecolab® QC 34 High Performance Neutral Floor Cleaner

General Purpose Cleaners:

Forbo Heavy Duty Cleaner
3M™ General Purpose Cleaner/Concentrate 8H
Pro-Link Synthetic Floor HD Cleaner
Spartan Industrial Pathmaker
Diversey Profi
Diversey GP Forward
Ecolab® QC 35 MAXX Dual Action Floor Cleaner

Forbo's Commercial Floor Care Guide contains additional information and is available for download at www.forboflooringNA.com. For a hard copy, or for additional information, contact Forbo's Product Support & Education Services at 1-800-842-7839.