

Application Guidelines for Forbo Marmoleum Second Life



Forbo Marmoleum Second Life is a unique two-part, field-applied coating that can restore the surface of old, worn or improperly maintained Forbo Marmoleum. The system requires the application of two coats, which eliminates the routine of repeated stripping and coating the floor with conventional floor finish. Marmoleum Second Life is designed only for use with Forbo Marmoleum products. Marmoleum Second Life provides all the benefits of Topshield – Forbo’s factory finish on Marmoleum – renewing the surface to factory-new condition. It has low odor for sensitive indoor environments and contains 0 VOC’s, making this product safe for both building occupants and the environment.

Recommended For Use With

- Forbo Marmoleum Sheet, Marmoleum Walton, Marmoleum Decibel, and Marmoleum Composition Sheet (MCS)
- Forbo Marmoleum Modular, Marmoleum Modular Striato, and Marmoleum Composition Tile (MCT)

Always refer to and follow the recommendations in **Forbo’s General Floor Care Guidelines** prior to starting any cleaning processes.

Interim Cleaning is important to maintain the factory finish of Forbo Marmoleum, as well as to optimize appearance retention. Periodically using a mop on restorer or spray buff will help repair microabrasions – which are caused from normal wear on the floor – that hold soiling on the surface and make routine cleaning more difficult, producing a poor result. When these cleaning procedures no longer provide the desired result, it may be an indication the factory finish (or any additional applied finish) has been compromised and the Marmoleum may require surface renewal procedures using Marmoleum Second Life.

CAUTION: Forbo Marmoleum can be damaged by high pH chemical strippers and traditional wet stripping methods. If Forbo’s General Floor Care Guidelines are followed, wet stripping will NOT be necessary. If wet stripping methods have been used on the floor, contact Forbo’s Product Support & Education Services for additional information.

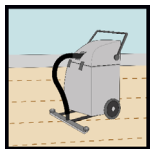
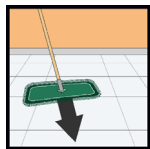
Virtual Review Required

Forbo offers free virtual review sessions for the proper use and application of Marmoleum Second Life. To schedule a free **mandatory review session**, please contact Forbo’s Product Support & Education Services before using Marmoleum Second Life.

IMPORTANT! Claims will not be accepted if review is not completed prior to applying Marmoleum Second Life.

Marmoleum Surface Renewal Procedure – No Finish Applied

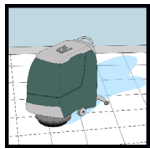
The following procedure should be performed when the Routine and Interim Cleaning procedures in **Forbo’s Caring for Forbo Marmoleum Guidelines** no longer provide the desired result. Use caution, as the floor can be slippery when wet during this process.



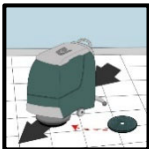
1. Remove all surface debris by dust mopping, sweeping, or vacuuming.



2. Mix a cleaning solution by diluting a general-purpose cleaner in strict accordance with manufacturer’s recommendations. The pH of the cleaning solution must be between 8.0 – 10.4 pH.

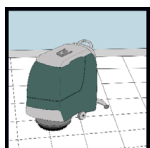
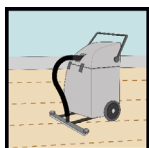


3. Apply the cleaning solution to the floor and allow for 10 minutes of dwell time. Additional dwell time may be necessary for heavily soiled floors.



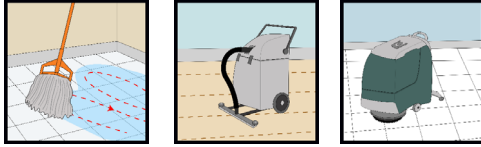
4. Heavily scrub the floor using either a 175 RPM floor machine or an automatic scrubber using a 3M Blue Cleaner Pad #5300 or equivalent.

NOTE: It is recommended to double scrub heavily soiled floors when using an automatic scrubber.



5. Pick up the cleaning solution with a wet/dry vacuum or an automatic scrubber.

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- Rinse the entire surface with a clean mop using clean, cool water. Pick up the rinse water with a wet/dry vacuum or an automatic scrubber.

IMPORTANT! Viewing the floor while it is wet during rinsing will provide a preliminary indication of what the floor's final appearance will be after applying Marmoleum Second Life. The final assessment of consistent appearance level should be made after the floor is dry and prior to applying Marmoleum Second Life.

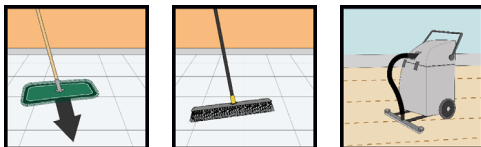


- Allow the floor to dry completely before allowing traffic. The Marmoleum should have a consistent appearance level before applying Marmoleum Second Life.

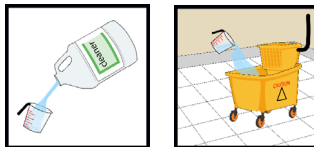
- If the appearance level is not consistent, repeat Steps 2 – 7 until the appearance level is consistent.

Marmoleum Surface Renewal Procedure – With Finish Applied

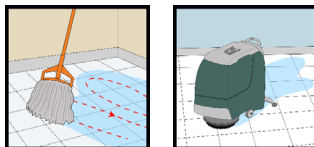
The following procedure should be performed on Marmoleum floors where a conventional floor finish has been applied and when the Routine and Interim Cleaning procedures in *Forbo's Caring for Forbo Marmoleum Guidelines* no longer provide the desired result. Use caution, as the floor can be slippery when wet during this process. It is important that all existing finish is removed prior to the application of Forbo Marmoleum Second Life.



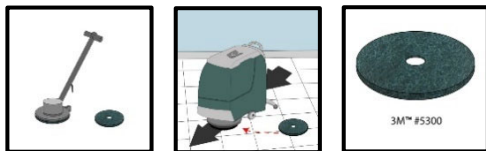
- Remove all surface debris by dust mopping, sweeping, or vacuuming.



- Mix a linoleum-safe floor finish remover in strict accordance with the manufacturer's recommendations. The pH of the solution must not exceed 10.4 pH.

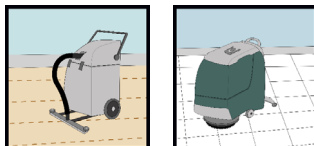


- Apply the linoleum-safe floor finish remover strictly following the manufacturer's recommendations.



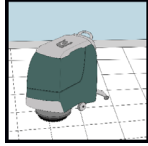
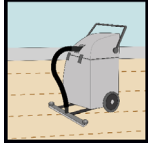
- Heavily scrub the floor using either a 175 RPM floor machine or an automatic scrubber, using a 3M Blue Cleaner Pad #5300 or equivalent.

NOTE: In cases where there are several heavy coats of existing floor finish, a 3M Scotch-Brite Surface Preparation Pad (SPP) or equivalent can be used. This pad is designed for stripping finish and is abrasive. Use caution to avoid damaging the Marmoleum by over scrubbing the floor. Conduct a small test in an inconspicuous area to ensure proper use of the pad.



- Pick-up the cleaning solution with a wet/dry vac or an automatic scrubber.

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- Rinse the entire surface with a clean mop using clean, cool water. Pick up the rinse water with a wet/dry vacuum or an automatic scrubber.
IMPORTANT! Viewing the floor while it is wet during rinsing will provide a preliminary indication of what the floor's final appearance will be after applying Marmoleum Second Life. The final assessment of consistent appearance level should be made after the floor is dry and prior to applying Marmoleum Second Life.



- Allow the floor to dry completely before allowing traffic. The Marmoleum should have a consistent appearance level before applying Marmoleum Second Life. If the appearance level is not consistent, repeat Steps 2 – 7 until the appearance level is consistent.

Applying Marmoleum Second Life

To achieve optimum results, a consistent appearance level of the Marmoleum must be achieved prior to proceeding with the following process of applying Marmoleum Second Life.

All installation related issues or any repairs to damaged areas of the flooring should be addressed prior to applying Marmoleum Second Life. If there are gouges or small repairs required, Forbo Marmoweld ETU may be used. For application instructions for Marmoweld ETU or any additional information, contact Forbo's Product Support & Education Services.

The following tools are necessary for applying Marmoleum Second Life:

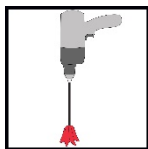
- 2-Gallon Flat Bottom Mixing Pail
- Drill
- Helix Paint Mixer
- Microfiber Finish Applicator
- Marmoleum Second Life Part A
- Marmoleum Second Life Part B

Use appropriate PPE and ensure all safety precautions are observed.

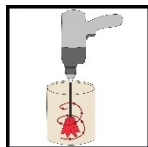
IMPORTANT! Marmoleum Second Life has a maximum pot life of 4 hours. **DO NOT MIX** more units of Marmoleum Second Life than can be applied in that time frame.

Always conduct a small test in an inconspicuous area to ensure an optimal bond can be achieved with the coating and to visually evaluate the results.

- Turn the Marmoleum Second Life Part A container upside down and shake for 1 minute.
- Carefully remove the cap and slowly pour ALL the contents of Marmoleum Second Life Part A into the 2-gallon flat bottom mixing pail.
- Place the helix paddle on the bottom of the 2-gallon flat bottom mixing pail. Ensure the paddle is always in contact with the bottom of the mixing pail while mixing.



- Set the drill to 'reverse' and begin mixing.



- While constantly mixing, slowly pour the entire contents of Marmoleum Second Life Part B into Part A in the 2-gallon flat bottom mixing pail. **DO NOT mix partial units. DO NOT mix multiple units together at the same time in the same pail.** If multiples are to be mixed at the same time, they MUST be mixed in separate buckets.
- After the entire bottle of Marmoleum Second Life Part B has been slowly added into Part A, start a timer and continue mixing for 10 minutes.

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7. After mixing for 10 minutes, let the coating stand for 5 minutes in the pail before applying to the floor.
8. Apply a uniform, medium coat to the floor leaving no puddles using a 3M #59646 Scotchgard Floor Protector Applicator Pad or equivalent. Always pre-wet the applicator pad with water and lightly wring out prior to using.

IMPORTANT! In between coats, place the applicator pad in a plastic bag to prevent it from drying out, as this can cause streaking. It is recommended to change the applicator pad after every 3 – 4 hours of continuous use. Always use new applicator pads – regardless of how well the applicator pad is cleaned, some of the coating will dry in the fibers and will cause streaking.
9. Allow the first coat to dry to the touch. A light touch will produce no transfer of the finish to the finger and there will be no residual tackiness. Once the first coat is dry to the touch, wait **20 minutes** before applying the second coat.
10. Apply a second uniform, medium coat to the floor leaving no puddles using a 3M #59646 Scotchgard Floor Protector Applicator Pad or equivalent. Always pre-wet the applicator pad with water and lightly wring out prior to using.
11. Allow the second coat to dry to the touch and evaluate the appearance. The floor should have an even, consistent appearance level.

NOTE: Only two coats of Marmoleum Second Life are generally required. There may be instances where a third coat may be required. For additional information, contact Forbo's Product Support & Education Services.
12. Temperature, ambient humidity and air flow will affect drying times. Once the Marmoleum Second Life is dry to the touch, 1 full hour of drying time is required before allowing traffic on the floor.

Caring for Marmoleum Second Life

Once Marmoleum Second Life has been applied, the surface of the Marmoleum is back to factory-new condition. For continued care, follow the recommendations in *Forbo's Caring for Forbo Marmoleum Guidelines* for daily, routine, and interim cleaning procedures.

Applying Finishes or Coatings on Marmoleum Second Life

Forbo does not recommend the application of any other finishes or coatings on top of Marmoleum Second Life – the use of such finishes or coatings is not required. Marmoleum Second Life should only be re-coated with Marmoleum Second Life. Follow the recommendations in *Forbo's Caring for Forbo Marmoleum with Topshield Guidelines* for the continued proper care of Marmoleum.

For additional information, visit www.forboflooringNA.com or contact Forbo's Product Support & Education Services at 1-800-842-7839.