

Maxxon® Commercial Profile

Installation

Building interior and floor should be maintained above 50 °F (10 °C) for at least 24 hours prior to sound mat installation and until underlayment topping has set. Plumbing or electrical penetrations should be packed with insulation and sealed.

Concrete Preparation

All concrete substrates must be clean, sound, and have a minimum 250 psi tensile bond strength when tested per ASTM D4541. Be sure concrete is free from oil, grease, paint, coatings, or any contaminants that would act to prevent absorption. Maxxon Commercial Profile may be used on concrete that has been treated with hardeners, curing agents, or densifiers. Contact Maxxon Corporation for cases where glue, mastic residue, oil, grease, paint coatings or any contaminants remain on the substrate.

For all subfloors, building interior and floor should be maintained between 40 °F (4.4 °C) and 90 °F (35 °C) for at least 24 hours prior to application and until Maxxon Commercial Profile has dried.

Prior to Maxxon Commercial Profile application, metal thresholds, metal floor vents and aluminum window frames should be removed or protected to prevent damage.

Tools Needed

- Multipurpose sprayer (i.e. Hudson®-type sprayer)
- Stiff bristle (non-metal) brush or broom

Activation Period/Dwell Time

Dwell time can be between 15 minutes for surface cleaning to 4 hours for heavy profiling, depending on desired result. Estimated time to achieve a CSP of 2 is 2 hours. Requirements for heavy surface profiling (CSP 3-4) may require longer dwell times and/or reapplication. The test patch procedure should be used to determine dwell time.

Test Patch

It is recommended that a test patch be installed prior to installation. Apply Maxxon Commercial Profile on a sample area to determine dwell time required to achieve the desired profile and whether a second application is required.

Installing test patches will help determine the adequate dwell time for each project, as grades and ages of concrete can affect the reaction times. While installing the test patch, determine if additional mechanical means such as brushing, scraping, or power washing will be needed to ensure direct contact with concrete is achieved. Following removal of Maxxon Commercial Profile from the test patch, confirm that adequate porosity is achieved using the water drop test method as described in ASTM F3191.

Application

Maxxon Commercial Profile should be applied with a low-pressure sprayer using a non-metallic cone tip. Be careful not to atomize the liquid or allow it to become airborne. A slight odor is normal. When Maxxon Commercial Profile reacts with concrete to perform its cleaning and profiling process, there is a chemical reaction that takes place. The chemical reaction may create a distinctive, non-irritating and non-toxic odor. The odor will dissipate quickly in well-ventilated areas. Work spray head from side to side to ensure complete and liberal surface coverage. Surfaces should be evenly and well saturated to achieve a uniform profiling of the surface. Agitating the coated surface with a stiff bristle (non-metal) brush 5–15 minutes after application, will increase surface profiling performance and assist with stain removal.

Note: Product should not be allowed to dry out within the profiling dwell period. If this occurs, apply more Maxxon Commercial Profile to re-wet the surface, and continue the dwell period. Dried material will appear as a white powder on the concrete slab.

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Residue Removal

Water Method

For areas with drains, pressure wash thoroughly to remove residue and flush to drains. Maxxon Commercial Profile is fully biodegradable. The residue should be diluted with water to meet local waste or sewage disposal requirements. Seek advice on local authority requirements before disposal.

For applications without a drain or for small areas, pre-wet with water and agitate to loosen residue from the concrete surface. Use a wet/dry vacuum system to collect waste. For large jobs, this process can be accomplished effectively with a flooring auto scrubber.

Caution: Inadequate removal of Maxxon Commercial Profile will interfere with the application or adhesion of Maxxon® primers, underlayments, adhesives or coatings. Material not removed properly will dry slowly and appear as a shiny surface area. Ensure all edges of crack suppression joints or walls are pre-wet and scrubbed.

Solids Method

When disposal of residue through drains is not allowed, a solids disposal method may be used. Collect residue via the wet/dry vacuum method noted above. Put collected residue into a pail or drum and add peat moss to absorb. One cubic foot of peat moss will typically absorb four liquid gallons of residue. This final mass can then be disposed of as solid waste.

Limitations

For questions regarding these limitations or for applications other than those described herein, contact Maxxon Corporation at (800) 238-8461.

1. For interior use only.
2. Do not allow the product to freeze.
3. For use over subfloors containing asbestos, contact Maxxon Corporation.
4. Do not use if ambient and/or concrete surface temperatures

are below 40 °F (4.4 °C) or above 90 °F (32 °C).

5. If desired, construct a mock-up to verify compatibility with finished flooring.
6. Do not clean concrete subfloors/subfloors with oil-based or silicone-based sweeping compounds. These compounds leave a film on the subfloor surface that will interfere with bond development. Instead, use a vacuum with a HEPA filter to clean the concrete substrate/subfloor.
7. For slabs containing petroleum-based products it is not sufficient to treat the surface with Maxxon Commercial Profile. Maxxon® Commercial Isolate is required to prevent the migration of residual petroleum. Refer to the Maxxon® Commercial Isolate TDS or contact Maxxon Corporation.
8. Maxxon Commercial Profile will not remove heavy glue residue, for example where ridges can be felt. Glue should be removed by physical means.
9. Maxxon Commercial Profile is not effective on damp or wet slabs. Ensure that the slab's surface is visibly dry before application.
10. Maxxon Commercial Profile must come in contact with the concrete surface. Thick build-ups of dirt, dust, etc. must be removed via power washing or mechanical means. In addition, Maxxon Commercial Profile will not work over coatings such as an epoxy or heavy acrylic; if such a coating exists, shotblasting is required.
11. Because all slabs vary, a consistent CSP may not be achieved through one application. If one application results in an inconsistent surface profile, reapply Maxxon Commercial Profile.
12. Maxxon Commercial Profile must be thoroughly removed from the concrete slab prior to installation of any floor system. The residue will act as a bond breaker in many situations.
13. Do not use Maxxon Commercial Profile over gypsum underlayments.
14. Metal thresholds, metal floor vents and aluminum window frames should be removed or protected to prevent damage. Metal tips should not be used on spray equipment as Maxxon Commercial Profile will react with the metal and damage the tip.

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Capping Considerations

Following clean-up of Maxxon Commercial Profile, wait until the concrete slab is visibly dry prior to applying a Maxxon-approved moisture mitigation solution and/or capping. To cap with a Maxxon® underlayment, follow standard priming and installation procedures for the application. Alternatively, an epoxy coating may be installed over the cleaned concrete surface following manufacturer's installation instructions.

Storage and Disposal

Store in a cool, dry area out of direct sunlight. Maxxon Commercial Profile must be kept in tightly secured containers to prevent evaporation and contamination. Protect from freezing. Maxxon Commercial Profile that has frozen will not function as intended and should be discarded.

Maxxon Commercial Profile is fully biodegradable. Neutralizing and dilution with water will be required to meet local waste or sewage disposal requirements. Seek advice on local authority requirements before disposal. Spills should be contained and disposed of under the same requirements. Do not mix with other materials. Unopened product shelf life is 24 months.

Warranty and Tech Services

See [Maxxon.com](https://www.maxxon.com) for complete warranty information. Technical performance verification and service is available through Maxxon Corporation or Maxxon Regional Representatives throughout North America.



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