

**PRODUCT DESCRIPTION**

Maxxon® Commercial HydroCoat is a specially formulated, two-part water-based epoxy coating, with excellent adhesion to both old and green concrete. The product is designed as a clear or tinted coating for smooth and profiled concrete. Maxxon Commercial HydroCoat has a long pot-life, low odor, good chemical resistance, and dries to a walkable surface in 12 hours.

**WHERE TO USE**

**Application**

Above-, below- and on-grade concrete-based applications.

**Subfloor**

Interior on-grade and below-grade concrete slabs

**FEATURES & BENEFITS**

- Reduces floor preparation requirements
- Excellent adhesion to smooth concrete
- Breathable; can be used over concrete with moisture drive
- Can be used over green concrete as a curing agent
- Prevents concrete from dusting,
- Provides an excellent surface for ease of cleaning
- Can be pigmented and used as a colored basecoat
- Good resistance to a wide range of chemicals and cleaning products
- Roller-applied for easy application; tools can be cleaned with water
- Economical coating to protect concrete from oil stains
- For enhanced chemical resistance and UV stability, use as part of a HydroCoat & HydroSeal system

**PRODUCT INFORMATION**

Color	Clear or Colored (contact Maxxon for color chart options)
VOCs	<50 g/L
Pot Life at 73 °F (22.8 °C)	45 min.
Foot Traffic	After 12 hours
Mix Ratio	3B:1A
Shelf Life	12 months unopened
Coverage - One Coat	350–450 ft <sup>2</sup> /gal (8.5–11.0 m <sup>2</sup> /L) 1,400–1,800 ft <sup>2</sup> /kit (14.7 m <sup>2</sup> /L)
Packaging	4 gal (15.1 L)



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**INSTALLATION**

***Concrete Preparation***

Note that in general all substrates must be clean, sound, and have a minimum of 250 psi tensile bond strength when tested per ASTM D4541. Be sure concrete is free from oil, grease, urethane, paint, adhesive, or any contaminants that could create a bond breaker. Maxxon Commercial HydroCoat should not be applied over slabs subject to hydrostatic pressure.

For slabs contaminated with petroleum-based products, the slab should first be thoroughly cleaned with Maxxon<sup>®</sup> Commercial Profile. Refer to the Maxxon<sup>®</sup> Commercial Profile TDS for cleaning instructions or contact Maxxon Corporation.

Maxxon Commercial HydroCoat is designed to go over smooth, clean concrete without the need to shotblast or profile the surface. Best practice over tight, shiny surfaces is to scuff lightly. If mechanical surface preparation is required to remove adhesive residue or contaminants, use a fine grit mesh.

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***Tools***

- Chemical safety glasses or splash-proof goggles
- Protective gloves
- NIOSH/OSHA-approved organic vapor respirator
- 3/8" (10 mm) or larger high-speed power drill
- 5-gallon plastic helix epoxy paddle
- Non-shedding 18", 1/4" (6 mm) or 3/8" (10 mm) nap phenolic core roller cover
- Premium paint brush

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***Mixing***

Pre-mix part B (larger volume) to get any solids well mixed and off the bottom of the pail. Scrape corners with a mixing stick. Then add part A into part B pail and mix using a high-speed hand drill for approximately 1-2 minute or until the mixed material has uniform consistency. Scrape the sides of the pail to be sure all A and B components are integrated.

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**INSTALLATION** *Continued*

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**Application**

After mixing, pour contents of pail into a roller pan, cut in edges and corners using a premium paint brush, then using a 3/8" x 18" wide nap roller, dip and roll out immediately. The use of an 18" wide nap roller is highly recommended to decrease the application time. Maxxon Commercial HydroCoat must be applied in a thin film, targeting 400 ft<sup>2</sup> coverage per gallon.

Coat your roller in material. Roll slowly to achieve thin film and cross-hatch with a light touch to knock down roller edge marks. Do not build a thick film or allow material to puddle. Material will not dry uniformly if allowed to puddle.

A two-coat system is recommended, using either two coats of HydroCoat or one coat of HydroCoat and one coat of HydroSeal for a more durable system. Recoat can occur when base coat is tack free and can be walked on without affecting the surface, minimum 12 hours. Lightly sand between coats to knock off roller lint or debris that may have fallen into the previous coat.

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**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. Do not store below 40 °F (4.4 °C).
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. Do not dilute product.
6. If desired, construct a mock-up to verify compatibility and performance.
7. Must use a high-quality, non-shedding roller cover to avoid leaving lint in the coating.
8. Maxxon Commercial HydroCoat should not be applied over slabs subject to hydrostatic pressure.
9. Respect active expansion/control joints. Always ensure such joints are honored completely. See Installation for more information.
10. Do not clean the concrete substrate/subfloor 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.
11. For slabs containing petroleum-based products, the slab should first be thoroughly cleaned with Maxxon<sup>®</sup> Commercial Profile. Refer to the Maxxon<sup>®</sup> Commercial Profile TDS for cleaning instructions or contact Maxxon Corporation.

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**LIMITATIONS** *Continued*

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12. When installing two coats of Maxxon Commercial HydroCoat Epoxy Coating, wait until the first coat is completely dry before applying a second coat. Wet-on-wet application must be avoided.
13. Do not leave mixed Maxxon Commercial HydroCoat in pail for more than 10 minutes without reconstituting settled fillers. Use mixer blade for 15 seconds to reconstitute any settled fillers back into the mixture.
14. Cracks greater than or equal to 1/8" (3 mm) must be filled prior to Maxxon Commercial HydroCoat installation.
15. Best practice over tight or shiny surfaces is to scuff the surface with light mechanical abrasion.

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**CLEAN-UP**

Maxxon Commercial HydroCoat, while still wet, can be cleaned up with a scouring pad and warm soapy water. If allowed to set, then mechanical cleaning or the application of a suitable paint stripper is required. Dispose of excess material in accordance with local, state, and federal regulations.

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**CARE AND MAINTENANCE**

For dry floor conditions, sweep as necessary and use treated cloth mop/broom to pick up abrasive dirt. For wet floor conditions, mops and squeegees can be used to remove dirt. As floors become soiled, they should be cleaned with an all-purpose cleaner and properly rinsed. Chemical spills should be wiped up immediately to prevent staining of the surface. Regular inspections for damage should be performed throughout the life of the floor system. If damage has occurred, immediately consult with Maxxon Corporation to prevent further damage. Severe damage should be repaired as needed. Periodic recoating can extend the life of the system and maintain desired surface texture.

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**STORAGE AND DISPOSAL**

Store in a cool 50–80 °F (10–26.7 °C), dry area out of direct sunlight. Maxxon Commercial HydroCoat must be kept in tightly secured containers to prevent evaporation and contamination. Protect from freezing. Maxxon Commercial HydroCoat that has frozen will not function as intended and should be discarded. Unopened product shelf life is 12 months.

Dispose of excess material in accordance with local, state, and federal regulations.

**WARRANTY AND TECH SERVICES**

See 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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**JOB NAME:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**APPLICATOR:** \_\_\_\_\_

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