

Ultrabond Landscape Turf CG

Commercial-Grade, Landscape Turf Adhesive



DESCRIPTION

Ultrabond® Landscape Turf CG is a commercial-grade adhesive ideal for indoor and outdoor landscaping synthetic turf installations. *Ultrabond Landscape Turf CG* has excellent all-weather resistance with superior bond strength and can be used for full spread and seaming installations.

FEATURES AND BENEFITS

- Colored green to aid in hiding smudges and in cleanup
- Nonflammable and solvent-free, making it suitable for indoor use
- Fast-curing with a high curing strength

WHERE TO USE

- Interior and exterior residential applications
- Interior and exterior commercial applications

LIMITATIONS

- Do not install over any substrates containing asbestos.
- Do not install nonporous turf backing over nonporous surfaces.
- *Ultrabond Landscape Turf CG* is not intended for synthetic sports field applications.
- Use only when the substrate temperature is between 41°F and 95°F (5°C and 35°C), and when the ambient relative humidity (RH) is between 20% and 80%. When the ambient RH is lower than 20%, longer curing times can be expected.

SUITABLE SUBSTRATES

- *Ultrabond Landscape Tape* or seaming tape recommended by the turf manufacturer
- Exterior-grade and marine-grade plywood as well as pressure-treated lumber
- Concrete
- Exterior-approved patching compounds and concrete repair products
- Fully cured asphaltic surfaces that are sound and free from contamination

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid and stable.
- The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.
- Concrete as well as cement-based underlayments and patches must be fully cured and free of any hydrostatic and/or moisture problems.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Ready to use; no mixing is necessary

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation

1. Unroll and acclimate synthetic turf per manufacturer's written instructions, to allow for reductions of internal tensions caused by packaging and transport.
2. Select the appropriate notched trowel (see the "Approximate Coverage" chart below).
3. Spread adhesive evenly over the seaming tape or other suitable surface, keeping the trowel at a 45-degree angle to the subfloor.
4. Only apply as much *Ultrabond Landscape Turf CG* as can be installed over within 30 minutes.
5. Install turf in strict accordance with the turf manufacturer's written instructions.
6. Adhesive transfer to the backing should be confirmed periodically by lifting the turf.
7. Roll the turf with the recommended-weight roller across the width and length of the turf seam surface. If needed, place weight on the turf seams to ensure proper bonding.

CLEANUP

- While the adhesive is still fresh/wet, promptly clean any adhesive smudges from the turf or tools with *Ultrabond Urethane Cleaner*. *Ultrabond Landscape Turf CG* is extremely difficult to remove when cured.

PROTECTION

- Prevent foot traffic and rain exposure for 12 hours after the installation.
- Protect from heavy traffic for at least 24 hours after the installation.

Product Performance Properties

Laboratory Tests	Results
Solids content	100%
Flash point	> 200°F (93°C)
VOC content (SCAQMD Rule 1168)	< 50 g per L
Typical VOC content per SCAQMD Rule 1168 testing methods	0 g per L

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original packaging at 73°F (23°C)
Polymer type	Polyurethane
Color	Green

Application Properties

at 73°F (23°C) and 50% RH

Flash time*	0 minutes
Working time**	30 to 45 minutes
Setting time***	45 to 90 minutes
Protection time	12 hours from foot traffic and from rain/water

** Flash time is the recommended amount of time for a freshly applied adhesive to remain exposed to the air following application before the installation of a floor covering.*

*** Working time is the maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.*

**** Setting time is the window of time when adjustments can still be made to the position of the floor covering without compromising the bond of the adhesive.*

Flash time, working time and setting time vary based on temperature, humidity, surface porosity and jobsite conditions. For example, high heat and humidity will reduce working time and setting time; low temperatures and humidity will extend working time and setting time.

Approximate Coverage[†]

Flooring Type	Typical Trowel	Coverage
Synthetic turf with smooth backing or attached cushion backing	Sawtooth, 1/8" x 1/8" (3 x 3 mm)	80 to 90 sq. ft. per U.S. gal. (1.96 to 2.20 m ² per L)
Synthetic turf with medium-textured backing	Sawtooth, 3/16" x 3/16" (4.5 x 4.5 mm)	40 to 50 sq. ft. per U.S. gal. (0.98 to 1.22 m ² per L)
Synthetic turf with heavily textured backing	Sawtooth, 1/4" x 1/4" (6 x 6 mm)	30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m ² per L)

[†] Trowel dimensions are depth/width/space. Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of trowel used and setting practices.

Packaging

Size
Pail: 1 U.S. gal. (3.79 L)
Pail: 4 U.S. gals. (15.1 L)

ADDITIONAL INFORMATION

Refer to the Safety Data Sheet (SDS) for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).



WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

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For the most current product data and BEST-BACKEDSM warranty information,
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