



# Multi-Purpose SYNTHETIC TURF Adhesive

## DESCRIPTION

**Turf Claw MP** is a solvent-free, zero VOC, one part urethane adhesive intended for the installation of most synthetic turf backings. Once cured, **Turf Claw MP** is not affected by exposure to moisture, making it ideal for bonding synthetic turf to a variety of surfaces for interior and exterior installations. **Turf Claw MP** comes with antimicrobial protection, which inhibits the growth of bacteria, mold, or mildew on the surface of the dried adhesive. **Turf Claw MP** is low odor, easy to trowel, easy to clean before cure, and has fast grab properties for an easy installation.

## SUGGESTED USES

**Turf Claw MP** may be used to adhere most synthetic turf backings. It may be used over all properly prepared substrates common to synthetic turf installations including; approved seaming fabric tape, concrete, asphalt, and plywood.

## SUBSTRATE PREPARATION

Surfaces must be clean, dry and flat; free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants. Mechanically remove all surface contaminants by grinding or scarifying the substrate. Concrete substrate should NOT be smooth and reflective; it must have a concrete surface profile of CSP 1-3 (similar to a broomed finish), as defined by ICRI (International Concrete Repair Institute, Guideline No. 03732). It also must be tested in accordance with ASTM F3191 and be found porous, where a ¼" drop of water must absorb into the concrete within 1 minute.

## INSTALLATION

Read and understand the data sheet completely before beginning installation. Follow direction from the synthetic turf manufacturer regarding substrate preparation and installation requirements. Always test an area to ensure product satisfaction, including adhesion to substrate, and/or to become familiar with proper application techniques prior to use.

Spread **Turf Claw MP** evenly with the proper trowel or use the SL 2000 HD Slot Faced Glue Box. Synthetic turf should be laid in as quickly as possible. Moisture and temperature effect cure process. Refer to the application instructions below for the recommended installation technique. Within 30-40 minutes, fit and reposition the turf as recommended. Roll the installation using the synthetic turf manufacturer's recommendations. Periodically check the back of the turf to ensure adequate coverage of the turf material's backing. Tape and/or weigh seams to ensure proper contact is maintained until the adhesive sets.

## CURING CONDITIONS

Humidity will affect the cure rate more than temperature; the higher the humidity, the faster the cure.

- Working time is 30-40 minutes under normal conditions (70°F and 50% RH).
- Light foot traffic is acceptable after 8 to 10 hours.
- Normal traffic is acceptable after 24 hours.

## CLEAN-UP

As you work, immediately clean any adhesive from synthetic turf using a clean rag. Follow the turf manufacturer's recommendation for clean-up. Some turf products may not be compatible with solvents such as mineral spirits. Immediately clean all tools and equipment before adhesive cures. Once cured this material can only be mechanically removed which may damage some surfaces. The product should be stored in the original container in a cool, dry place.

## COVERAGE

Follow the synthetic turf manufacturer's instructions for proper adhesive coverage and transfer. Most synthetic turf products require >80% transfer. Trowel sizes listed below are suggested to maximize coverage of adhesive.

## RECOMMENDED TROWEL SIZES

- Urethane Stitched Backed Synthetic Turf:  
3/16" V-Notch, Coverage: 25 sq. ft. / gallon
- Rough Backed Products and All Exterior Applications:  
1/8" x 1/8" x 1/8" Square Notch, Coverage: 80 sq. ft. / gallon
- Smooth Backed Products (Interior Applications Only):  
1/16" x 1/16" x 1/16" Square Notch, Coverage: 95 sq. ft. / gallon

Periodically check coverage of adhesive during installation. Uneven substrates may require the use of either a leveling/patching material, or a larger notched trowel for proper coverage of adhesive. Always refer to the turf manufacturer's recommended use instructions for proper trowel selection. When used with SL 2000 HD Slot Faced Glue Box, the yield will depend on trowel front selected and synthetic turf backing. Consult SL 2000 HD Slot Faced Glue Box Instructions for usage and yield information.

## STORAGE AND SHELF LIFE

Store **Turf Claw MP** at temperatures between 50°F and 100°F. Shelf life is one year from date of manufacturing in unopened, original packaging. **Turf Claw MP** is moisture sensitive and must be protected from moisture at all times. When not in use, keep container closed.

## PROPERTIES

<b>Physical Properties</b>	Color	Green
	Density ASTM D0792	13.8 lbs./gal
	Odor	Mild/Minimal
	Shelf Life	1 year
	Solids	100%
	Freeze/Thaw Stable	Yes
	VOC	0 g/L*
<b>Substrates</b>	Concrete	Yes
	Plywood	Yes
	Asphalt	Yes
	Approved Seam Tape Fabrics	Yes
<b>Synthetic Turf Backing Types</b>	Polyurethane	Yes
	Foam	Yes
	Rubber	Yes

\*As calculated per SCAQMD Rule 1168

Re-Seal Partially Used Container: With pail upright, place a sheet of plastic (e.g. trash bag) over the top of the pail. Secure lid tightly over the plastic on top of pail. Carefully turn pail upside down. Plastic will help prevent the material from bonding the lid closed.

Re-Open Partially Used Container: Carefully turn pail right side up. Remove lid. Carefully cut and discard cured material and plastic from top of pail. Any uncured material may be used.

### LIMITATIONS

- Slab temperature should be between 40°F and 100°F during installation. Large fluctuations in temperature during installation and cure should be avoided.
- Do not use on wet, dusty, contaminated, or friable substrates; do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.
- Do not allow heavy traffic or rolling loads for a minimum of 24 hours.
- Do not use where moisture is visible. Moisture after tack will not adversely affect performance.

### CAUTION

IRRITANT. HARMFUL IF SWALLOWED OR INHALED. CONTAINS POTENTIAL SENSITIZER. MAY CAUSE ALLERGIC SKIN OR LUNG REACTION. MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT. Methanol may form during curing. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Use with adequate ventilation or wear mask. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

**KEEP OUT OF REACH OF CHILDREN**

### FIRST AID TREATMENT

If in eyes or on skin, rinse with water for at least 15 minutes. If on clothes, remove clothes. If inhaled, move person into fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

**SEE SAFETY DATA SHEET**

### LIMITED WARRANTY

For any valid claim presented under the limited warranty, SynLok Adhesives will replace the product, or, at its option, refund the purchase price. This replacement/refund is the purchaser's sole and exclusive remedy against SynLok Adhesives. The purchaser agrees that no other resolution (including but not limited to lost profits, lost sales, injury to person or property or any other incidental or consequential loss) shall be available to purchaser for claims arising out of any use of the product regardless of the legal theory (contract, tort or other). In no event will SynLok Adhesives be obligated to pay damages to purchaser in any amount exceeding the price that the purchaser paid for the product. SynLok Adhesives warrants that our products are manufactured in accordance with SynLok Adhesives specifications in effect on the date of manufacture. These specifications are available upon request. This warranty does not cover test data, or any defects, damages or other harms caused to any extent or in any way by failure to follow applicable SynLok Adhesives instructions, if any, or abuse/misuse of the product.

Any Claim made or action commenced by purchaser/ end user under SynLok Adhesive limited warranty as set forth herein must be brought within six months from the date of shipment from SynLok Adhesives to the purchaser. Purchaser agrees that all disputes arising from SynLok Adhesives sale of product to purchaser shall be brought, if at all, in and before a court located in the state of North Carolina, to the exclusion of the courts of any other state.

The logo for SynLok Adhesives features the word "Syn" in a green, cursive script font, followed by "Lok" in a large, bold, black sans-serif font. Below "Lok" is the word "Adhesives" in a smaller, black sans-serif font.

**Mailing Address:** PO Box 137 Stony Point, NC 28678

**Physical Address:** 160 Hill River Rd., Hiddenite, NC 28636

**Telephone:** 888-796-5655