

SECTION 1: DESCRIPTION

Turf Claw MP Plus is a single-component moisture cured polyurethane adhesive designed for the lamination of synthetic turf to a variety of substrates. Turf Claw MP Plus is solvent free, odor free, requires no mixing, and has a lower viscosity designed for easy troweling. Turf Claw MP Plus is designed to have virtually no expansion for projects requiring low “telegraphing.” Turf Claw MP Plus is available in 4-gallon pails, 2-gallon pails and 28 oz. tubes.

SECTION 2: PHYSICAL PROPERTIES

Color	Green
Odor	None
Shelf Life	9 months from date of manufacture
Solids	100%
Viscosity	> 50,000 cPs

SECTION 3: SUGGESTED APPLICATIONS

Turf Claw MP Plus is recommended for direct and full glue-down installations of high stitched, flat backed, and foam backed synthetic turf to various seam tapes and base materials such as wood, metal, fiberglass, rubber, concrete and stone. Bond testing is recommended for the user to determine if Turf Claw MP Plus is the correct adhesive.

SECTION 4: APPLICATION AND CURING CONDITIONS

Turf Claw MP Plus is easily applied by utilizing a glue box or a trowel. For optimal adhesion, surfaces to be bonded should be clean and free of surface contamination. No mixing is required and bonding surfaces can be assembled immediately. A skin may develop quickly if excessive moisture is present and it is the installers responsibility to marry the turf to the adhesive before a skin develops.

It may be necessary to add weight or support to the bonded surfaces to keep them in contact until the product has started to cure and adhesion is sufficient to remove weight or support.

Grab Time (Time before product has a firm hold):	1 to 3 hours depending on the presence of moisture
Cure Time:	24 hours at 77°F and 50% relative humidity, higher humidity will accelerate cure time
Traffic:	The installation should be protected from all traffic until the adhesive has a firm hold (Grab Time) and protected from heavy traffic until the adhesive is fully cured (Cure Time)

SECTION 5: TROWEL RECOMMENDATIONS

Synthetic Turf Type	Recommended Trowel	Spread Rate
Smooth backed or foam backed synthetic turf	1/16" Square Notch	80 - 90 ft ² /U.S. Gal.
Synthetic Turf with Low/Medium Stitch Height, Landscape Turf, General Purpose	1/8" V-Notch	70 - 80 ft ² /U.S. Gal.
Synthetic Turf for Athletic Fields, high stitch height, high traffic areas such as playgrounds or pet turf	3/16" V-Notch	40 - 50 ft ² /U.S. Gal.

1/16" Square Notch

1/8" V-Notch

3/16" V-Notch

SECTION 6: CLEAN-UP

Clean any residual adhesive from the surface with a clean cloth and mineral spirits while the adhesive is still fresh and still wet. Clean tools with mineral spirits while the adhesive is still fresh and still wet. Turf Claw MP Plus is extremely difficult to remove when cured.

SECTION 7: SAFETY AND HANDLING

For complete safety and handling information consult the SDS for more details. Always use good personal hygiene practices: avoid skin and eye contact by wearing protective gloves and safety goggles when handling.

SECTION 8: STORAGE

Turf Claw MP Plus has shelf life of nine (9) months from the manufacturing date when stored indoors between 60 and 90 degrees Fahrenheit in the original unopened container. Turf Claw MP Plus must be protected from moisture at all times and shelf life is greatly reduced by improper storage. Material that has been contaminated by moisture cannot be recovered.

If additional adhesive is left in the pail after use it can be preserved by pressing plastic film against the adhesive (eliminating as much air as possible from contacting the adhesive) and tightly sealing the pail. Adhesive left in the pail will have a greatly reduced shelf life but plastic film and a tight seal will maximize the remaining life.

CAUTION: Moisture contamination will render Turf Claw MP Plus unusable.

SECTION 9: WARRANTY

- 1.0 **LIMITED WARRANTY:** Subject to the terms and conditions of this Limited Warranty ("Warranty"), Synlok Technologies, LLC ("the Company") warrants that its Turf Claw MP Plus construction adhesive ("the Product") shall be free from manufacturing defects and will conform to the product specifications listed on the Turf Claw MP Plus Technical Data Sheet ("TDS") for the period stated in this Warranty.
- 2.0 **LENGTH OF WARRANTY:** This Warranty shall last for nine (9) months from the manufacturing date of the purchased Product.
- 3.0 **WHO CAN USE THIS WARRANTY:** This Warranty only applies to products purchased directly from the Company and applies only to the original Buyer ("Buyer"). The warranty is neither transferable nor assignable.
- 4.0 **CONDITIONS FOR USE OF THIS WARRANTY**
 - 4.1 All invoices due under the Company's terms of trade for the supply of the warranted product have been paid in full.
 - 4.2 The Product is within its shelf life (9 months from the date of manufacture in a sealed, unopened container).
 - 4.3 The Product has been stored indoors in an area free from moisture or high relative humidity (>60%) and kept at a temperature between 60- and 90-degrees Fahrenheit.
 - 4.4 The Buyer must perform any relevant tests to determine the suitability of the product for the intended purpose or application since final determination of the fitness and merchantability of the product for any purpose or application is the responsibility of the Buyer.
 - 4.5 In the event of any litigation involving the product in any manner or any claim by the buyer, buyer agrees that the law of the State of Georgia applies and that any complaint against the seller shall be filed in the Superior Court of Whitfield County, Georgia, or in the United States District Court for the Northern District of Georgia.
- 5.0 **LIMITATIONS**
 - 5.1 **Except as expressly set forth herein, Company makes no other warranties, express or implied, including, but not limited to, implied warranties of merchantability, fitness of the product for a particular purpose, or freedom from patent infringement.**
 - 5.2 Buyer shall indemnify and hold the Company harmless from and against any and all injuries, damages, fines, costs and actual expenses related to third party claims caused by or related to the use of the adhesive described in this Agreement.
 - 5.3 Buyer shall indemnify and hold the Company harmless from any liability for costs or damages awarded against seller for infringement of any United States patent claim covering materials manufactured to designs or specifications of the Buyer, or for any liability, costs or damages involved in the use or handling of this product for any environmental or medical claims or assessments.
- 6.0 **PROCESSING A PRODUCT PERFORMANCE ALLEGATION**
 - 6.1 If a product is found to be out of compliance within the terms of this Warranty, the Company will replace or refund the product at its sole discretion.
 - 6.2 All claims made by the buyer shall be deemed waived unless made in writing to the Company within thirty (30) days of buyer learning of any alleged defect or within thirty (30) days of buyer obtaining sufficient information to reasonably determine that a defect exists.
 - 6.3 A product purchase receipt, a detailed description of the product defect, storage location, and conditions of the product, and photos of the defective product must be provided in order to open a claim for warranty service.
 - 6.4 **The Company's maximum liability, and Buyer's sole remedy, under this Warranty is limited to replacement of any defective product or the refunding of Buyer's purchase price of such defective product.**