



2 Part Quick Set Synthetic Turf Adhesive

DESCRIPTION

Turf Claw QS is a premium, high strength, solvent-free, two-component, urethane adhesive. It is specifically formulated for the installation of most synthetic turf products in the most demanding environments where extra heavy traffic, rolling loads or extreme climatic conditions may exist or might occur.

Turf Claw QS is a 0-VOC formulation, as calculated per SCAQMD Rule 1168, which contains 28% rapidly renewable material. Once cured, this adhesive is not adversely affected by exposure to moisture or water; its superior properties provide a secure bond either indoors or outdoors. **Turf Claw QS** has been formulated for a unique combination of application properties including excellent trowelability, low odor and easy clean up. **Turf Claw QS** comes with antimicrobial protection, which inhibits the growth of bacteria, mold, or mildew on the surface of the dried adhesive. The dried adhesive will also resist stains that may be caused by mold or mildew.

DIRECTIONS FOR USE

Read and understand the data sheet completely before beginning installation. Follow the appropriate instructions carefully. Synthetic turf installation conditions vary significantly. Always consider preparation and installation requirements that are essential to a successful installation. Always do a test area to ensure product satisfaction, including adhesion to substrate, and/or to become familiar with proper application techniques prior to use. Periodically lift away a section of the synthetic turf to assure that proper coverage is being attained.

SUBSTRATE PREPARATION

Surfaces must be clean, dry and flat, free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants.

MIXING

Slowly add Part B (Hardener) into Part A (Resin) and mix for two minutes with a slow speed drill mixer (<150 RPM) until a homogenous mix (uniform color/no streaks) is obtained. Do not over mix, as the pot life will be reduced. Mix full units only; do not mix partial components, or alter components in any way. Components should be a minimum of 60°F (15°C) at time of mixing. Do not allow the mixed material to sit in the container. Apply the mixed adhesive to the seam tape immediately after mixing.

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 QS** evenly with the proper trowel or SL 2000 Glue Box setting. Open time is influenced by temperature. For best results, maintain adhesive and synthetic turf at a stable temperature of 50° F (10°C) to 85° F (30°C) for 24 hours before and after installation. Refer to the application instructions below for the recommended installation technique. Within 30-45 minutes, cut, fit and reposition the synthetic turf as recommended. Roll the installation using the synthetic turf manufacturer's recommendations. Periodically check to ensure adequate coverage of the synthetic turf backing. Tape and/or weigh seams to ensure proper contact is maintained until the adhesive sets.

CURING CONDITIONS

Higher temperatures affect the rate of cure. The higher the temperature, the faster the cure. Extreme heat will shorten cure time significantly.

- Working time is 30-45 minutes under normal conditions (70°F/20°C and 50% RH).
- Light foot traffic is acceptable after 8 to 10 hours.
- Normal and heavy traffic is acceptable after 24 hours.

CLEAN-UP AND STORAGE

As you work, immediately clean any adhesive from synthetic turf using a clean rag. Follow synthetic turf manufacturer's recommendation for clean-up. Some synthetic turf 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 type products require >80% transfer. Trowel sizes listed below are suggested to maximize coverage of adhesive.

CHEMICAL & PHYSICAL PROPERTIES

Use Environments	Harsh Exterior	Yes
	Residential	Yes
	Heavy Commercial	Yes
	Offices/Light Commercial	Yes
	Hospitality	Yes
Substrates	Wet Areas	Yes
	Concrete	Yes
	Plywood	Yes
	Prepared Metal	Yes
Synthetic Turf Backing Types	Asphalt	Yes
	Urethane backed	Yes
	Rubber	Yes
Cured Physical Properties	Felt or Fleece-backed	Yes
	Dry Time	24 hrs
	Shore Hardness	A92 D35
	Rolling Loads Capacity	Extra Heavy
Uncured Physical Properties	pH Resistance	5 to 12
	Ease of Troweling	Very Easy
	Odor	Moderate
	Working Time	30-45 min
	Color	Beige
	Density (lbs./gallon)	13.2
Chemical Properties	Freeze/Thaw	Stable
	Chemistry Type	2-Part Urethane
	VOC	0 g/L*
	Plasticizer Resistant	Yes
	Solvent Free	Yes
	Flash Point	Part A: >200°F (93.3°C) Part B: >199°F (92.8)
	% Solids	100%
Renewable Content	28%	

*As calculated per SCAQMD Rule 1168

RECOMMENDED TROWEL SIZES

- Smooth-Backed products (Interior Applications):
1/16" x 1/16" x 1/16" Square-Notch, Coverage: 142 sq. ft./gallon
- Rough and High Stitched-Backed Products: SL 2000 #2 Square-Notch Trowel Front
- All Exterior Applications: SL 2000 #2 Square-Notch Trowel Front
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. Added by customer, and was used for previous product

LIMITATIONS

- Large fluctuations in temperature during installation and cure should be avoided.
- Do not use on wet, dusty or contaminated seam tape. Do not use over side of seam tape treated with sealers or moisture barriers.
- 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.

PACKAGING

Each kit contains 2.5 gallons Part A Resin and 2 QT (64 OZ) of Part B Hardener.

STORAGE AND SHELF LIFE

Store **Turf Claw QS** at temperatures between 50°F and 100°F. Shelf life is one year from date of manufacturing in unopened, original packaging. When not in use, keep container closed.

HEALTH & SAFETY

Always refer to the Safety Data Sheet (SDS) prior to use for proper handling, clean up and spill containment. SDS documents are available by calling 888-796-5655.

**FOR PROFESSIONAL USE ONLY
NOT LABELED FOR CONSUMER USE
KEEP OUT OF THE REACH OF CHILDREN**

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 bold, black, sans-serif font. Below "Lok" is the word "Adhesives" in a smaller, black, sans-serif font.

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