



PRO-TRADE®

SYNTHETIC TURF COMMERCIAL-GRADE ADHESIVE

TECHNICAL DATA SHEET

DESCRIPTION

Pro-Trade Synthetic Turf Commercial-Grade Adhesive is ideal for indoor and outdoor landscaping synthetic turf installations. Pro-Trade Synthetic Turf Commercial Grade Adhesive 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 use indoors
- Fast-curing with a high cure strength

PRODUCT CODE	PACKAGING
PT-TURFGLUE1-1G	1-Gallon Bucket
PT-TURFGLUE1-4G	4-Gallon Bucket



RECOMMENDED APPLICATIONS

- 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.
- Pro-Trade Synthetic Turf Commercial Grade Adhesive 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.

PREPARATIONS

SUITABLE SUBSTRATES

- Pro-Trade Synthetic Turf Seam Tape or manufacturer-recommended seaming tape
- 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

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

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

PRODUCT PERFORMANCE PROPERTIES

LABORATORY TESTS	RESULTS
Solids content	100%
VOCs (Rule #1168 of California's SCAQMD)	< 10 g per L
Flash point	> 200°F (93°C)

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, unopened 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 for 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.

CLEANUP

- While the adhesive is still fresh/wet, promptly clean any adhesive smudges from the turf or tools with manufacturer-recommended cleaner. Pro-Trade Synthetic Turf Commercial Grade Adhesive is extremely difficult to remove when cured

PROTECTION

- Protect the installation from light traffic for at least 12 hours. Protect it from heavy traffic for at least 24 hours
- Protect the installation from rain/water exposure and freezing conditions for 12 hours after installation

