



PRO-TRADE®

SYNTHETIC TURF FAST-SET ADHESIVE

TECHNICAL DATA SHEET

DESCRIPTION

Pro-Trade Synthetic Turf Fast-Set Adhesive is a high-viscosity, moisture-curing, one-component, urethane adhesive specifically designed for bonding of synthetic turf in high-performance sports installations. Offering excellent weather resistance, Pro-Trade Synthetic Turf Fast Set Adhesive can be used in interior and exterior applications.

FEATURES AND BENEFITS

- Fast-setting
- Excellent handling characteristics and superior green strength
- Exceeds FIFA standards for bond strength

PRODUCT CODE	PACKAGING
PT-TURFGLUE1-290Z	29 oz. Plastic Cartridge

RECOMMENDED APPLICATIONS

- Interior and exterior synthetic turf installations
- Professional and educational synthetic sports field arenas
- Commercial and residential landscaping applications of synthetic turf

LIMITATIONS

- Install only in areas recommended by the turf manufacturer
- Use only when the surface temperature is between 41°F and 95°F (5°C and 35°C), and when the ambient relative humidity is between 20% and 80%. When the ambient relative humidity is lower than 20%, longer cure times can be expected
- Do not use to install nonporous turf backings over nonporous surfaces



APPROXIMATE COVERAGE†

per 29 U.S. oz. (858 mL) cartridge

THICKNESS	COVERAGE
With a 1/4" (6 mm) bead	About 88 linear ft. (26.8 linear m)

†Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to surface conditions and setting practices.

PRODUCT PERFORMANCE PROPERTIES

LABORATORY TESTS	RESULTS
Polymer type	Polyurethane
Solids content	100%
VOC content (SCAQMD Rule 1168)	< 50 g per L
Typical VOC content per SCAQMD Rule 1168 testing methods	0 g per L
Joint/bond strength - EN 12228 and EN 13744	> 25 N per 100 mm
Flash point (Tag)	> 200°F (93°C)

SHELF LIFE AND PRODUCT CHARACTERISTICS

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Storage conditions	50°F to 90°F (10°C to 32°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.

APPLICATION PROPERTIES

at 73°F (23°C) and 50% relative humidity

Flash time*	0 to 5 minutes
Working time**	30 to 45 minutes
Set time***	45 to 90 minutes

* 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.

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

CLEANUP

- Clean any adhesive smudges from the turf surface with a white cloth and mineral spirits while the adhesive is still fresh/wet. Clean tools with mineral spirits while the adhesive is still fresh/wet. Pro-Trade Synthetic Turf Fast Set 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