

TERRAIN™

SINGLE-COMPONENT, WATERPROOF, MOISTURE-CURED URETHANE ADHESIVE



ESSENTIALS LINE

TECHNICAL DATA SHEET

July 2025
Version 1.3

RESIDENTIAL

MULTI-FAMILY

COMMERCIAL

DESCRIPTION

Terrain™ is a low V.O.C., one component, moisture curing polyurethane adhesive designed for easy indoor and outdoor application of synthetic turf and exterior grade carpets over concrete or wood substrates.

APPROVED FLOORING TYPES

Synthetic turf and exterior grade carpets with urethane unitary backing, urethane foam back, action back, latex, marine unitary, woven backed, rubber backed.

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Gypsum and lightweight concrete (primed with TAYLOR 2025 or Zephyr®)
- Terrazzo (properly prepared with all waxes and surface finishes removed)

PRECAUTIONARY NOTE:

- Do not use over pressure treated lumber.

SUBSTRATE & SURFACE PREPARATION

Follow flooring manufacturers' guidelines. The substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, contaminants from sweeping compounds, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, epoxy coatings, hardening or parting compounds.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with exterior grade patching and self-leveling compounds, high moisture resistant compounds for interior use. Allow to fully cure and correct high spots before applying adhesive.

PRECAUTIONARY NOTES:

- Concrete must be placed in strict accordance with applicable standards and specifications. Must be fully cured (at least 45 days), porous (see ASTM F3191), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.

APPLICATION INSTRUCTIONS

Follow manufacturer's guidelines for layout, design and any special precautions for installation. Be sure to wear appropriate personal protective equipment (rubber gloves and eye protection, see SDS for details).

1. Spread adhesive using required tools.
2. For field turf, follow turf manufacturers recommend guidelines for applying adhesive to seam tape.

PRECAUTIONARY NOTES:

- Reseal lid when not in use to protect product.

TAYLOR TECHNICAL SERVICES

706.712.5823
tech@tayloradhesives.com
3343 Dug Gap Road, Dalton, GA 30721

TAYLOR
ADHESIVES
A Meridian Brand

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

FLOORING TYPES	TOOL* (IMAGES NOT TO SCALE)		ESTIMATED COVERAGE
BOND ONLY			
ARTIFICIAL TURF / EXTERIOR CARPET: (Action-Bac, needle bond, latex, marine unitary, urethane foam, rubber back)	1/8" x 1/8" x 1/16" V Notch		90-120 ft ² /gal
ARTIFICIAL TURF / EXTERIOR CARPET: (urethane unitary, field turf seam tape)	1/8" x 1/8" x 1/16" U Notch		50-65 ft ² /gal

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

Immediately remove any adhesive using a damp cloth with mineral spirits, denatured alcohol or an approved adhesive remover/stripper. Always check compatibility on a piece of scrap.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services at **706-712-5823**, visit us on the web at **www.tayloradhesives.com** or e-mail us at **tech@tayloradhesives.com**. Flooring manufacturer's and Taylor's written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.

TERRAIN PRODUCT INFORMATION		
<i>PRODUCT CHARACTERISTICS</i>	Product Classification	Moisture-Cured Urethane
	Base Chemistry	Urethane
	Curing Method	Moisture Cured
	Appearance/Color	Tan
	Odor	Low
	Consistency	Smooth, medium viscosity liquid
	Application	Easy troweling
	Flammability	Non-flammable
	Freeze/Thaw	Stable to 10°F (-12°C) [3 cycles]
	Shelf Life [Unopened Container at 70°F]	1 year
<i>TESTING</i>	Moisture Control	Protects flooring from 90% substrate moisture vapor
	RH [ASTM F2170]	No testing required
	pH	No testing required (5-14)
	Porosity [ASTM F3191]	Must pass (CSP 1+)
<i>TIME</i>	Open Time	10 min
	Flash Time	N/A
	Working Time	45-60 min***
	Cure Time	24 hrs
	Pot Life	N/A
<i>TRAFFIC</i>	Light Traffic	3 hrs
	Normal Traffic	6 hrs
	Heavy Rolling Loads	N/A
<i>ACOUSTICS*</i>	STC	N/A
	IIC	N/A
	Delta IIC	N/A
<i>SUSTAINABILITY</i>	Solvents	No
	Isocyanates	Yes
	VOC Wet Applied [g/L] [SCAQMD Rule #1168]	14 g/L - less water/exempt compounds
	Bio-Based Content	No
	Post-Consumer Recycled Content	No
	Mineral Abundant Content	No
	LEED v4/4.1 Points	No
	Certifications	FloorScore® certified
Transparency	No	
<i>WARRANTY**</i>	Duration (non CFI/NWFA Certified Installer)	10-Year Performance Warranty

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. For any questions or further information, please contact TAYLOR Technical at 706-712-5823.

**For warranty information, view Product Warranty Certificate.

***May vary depending on environmental conditions during exterior applications. Do not apply to a wet substrate or while raining. Protect from rain and moisture during installation.