



THE WORLD'S MOST TRUSTED BOND

# Synthetic Turf Hybrid Adhesive



Tough, elastic hybrid adhesive for quickly bonding artificial turf to all outdoor and indoor surfaces

- ▶ Maintains flexibility over time
- ▶ No ground prep required
- ▶ Odorless and solvent-free
- ▶ Works on damp surfaces
- ▶ Okay to apply in cold conditions



LAWNS | PLAYGROUNDS | ATHLETIC FIELDS | PET ZONES

## HOW TO USE

1

ENSURE SUBSTRATE IS FREE OF DUST/GREASE. DAMP OR WET ARE ACCEPTABLE.



2

USING A NOTCHED OR SERRATED TROWEL APPLY ADHESIVE & SPREAD EVENLY.



3

ALIGN & JOIN THE ARTIFICIAL TURF. PRESS FIRMLY FOR A SECURE SEAM.



4

WEIGH DOWN THE JOINT FOR A FLAT & EVEN SEAM. ALLOW TO SET.



For installations on concrete, pavers, or other hard surfaces, the adhesive can be applied directly to the ground without the use of seam tape.

# PRODUCT DATA



PRODUCT SPECIFICATIONS	
Working Time	40 minutes
Cure Time	24 hours
Application Temperature Range	+41°F to +113°F
Chemical Makeup	Silicone + PU
Tensile Strength, ASTM D412	276 psi
Elongation at Break, ASTM D412	257%
Hardness Shore A, ASTM D2240	40 ± 4
Shelf Life	18 months
Color	Green

VOC Compliant: 4 g/L



## Minimize risk with fewer nails.

Nails in high-activity areas can create unnecessary risk. Adhesive delivers durable, invisible seams that won't rust, while minimizing shifting and separation over time.

# HYBRID ADVANTAGES

Weld-On's hybrid adhesive is a combination of silicone and polyurethane properties that outperforms and outlasts typical non-hybrid adhesives that utilize inferior materials. The hybrid formula allows it to be installed without surface prep allowing the installer to save time and install in any condition. Use for installation, patching or repairs. Seam tape not required on hard surfaces.

Feature	Weld-On Hybrid Adhesive	Non-Hybrid Adhesive
Bonds on wet surfaces	YES	NO, needs dry surface
Weather tolerance	Cold & Damp Installation OK	Slow or failed cure
Application	No mixing required, easy to apply	Thick, hard to apply
Clean-up & Odor	Low odor, solvent-free	Strong smell, contains solvents
Substrate Compatibility	Seam tape, concrete, asphalt, pavers	Either seam tape or concrete only
UV Resistance	Will not yellow or crack	Yellows or chalks over time
Cure Time	Quick cure, faster project completion	Slow cure, longer projects

# EXPLORE THE COLLECTION

## Weld-On Synthetic Turf Hybrid Adhesive

Weld-On Synthetic Turf Hybrid Adhesive is a tough, elastic hybrid adhesive designed for seaming artificial turf in all weather and site conditions. It provides strong, reliable bonds even on damp or cold surfaces, with a fast cure time that helps keep projects on schedule. Fully elastic and gap-filling, Weld-On Synthetic Turf Hybrid Adhesive works on a wide range of surfaces, making it a dependable choice for contractors installing on concrete, asphalt, pavers, and more.

SKU	Size	Linear Ft. Coverage	Sq. Ft. Coverage
16469	10 oz Tube (0.30 litres)	4 ft. of 6" tape	2 sq. ft.
16470	28 oz Tube (0.83 litres)	12 ft. of 6" tape	6 sq. ft.
16471	1 Gallon (3.78 litres)	50 ft. of 6" tape 25 ft. of 12" tape	25 sq. ft.
16472	2 Gallons (7.6 litres)	100 ft. of 6" tape 50 ft. of 12" tape	50 sq. ft.



## Weld-On Weatherproof Seam Tape

Weld-On Waterproof Seam Tape is a high-performance, non-woven geotextile engineered for seaming landscape and sports turf. Designed to pair with Weld-On Artificial Grass Hybrid Adhesive, it creates a strong, stable bond that keeps seams tight, flat, and virtually invisible.

### KEY FEATURES

#### Optimized Adhesion:

The engineered fabric surface locks in adhesive for a strong, continuous bond between turf backing and tape.

#### Waterproof and Rot-Resistant:

Built to withstand moisture and soil conditions without degrading, mildewing, or losing integrity.

#### High Strength and Stability:

Excellent tear resistance and dimensional stability help prevent seam movement or separation over time.

#### Lays Flat for Clean Installation:

Flexible, durable construction prevents bunching for a smooth, professional finish.



SKU	Size
16474	6" x 100' Seam Tape
16475	12" x 100' Seam Tape
16476	12" x 300' Seam Tape

Visit [www.weldon.com](http://www.weldon.com) for more information.

# BENEFITS COMPARISON

## Weld-On Synthetic Turf Hybrid Adhesive



- ▶ A tough, elastic hybrid seaming adhesive for artificial grass surfaces
- ▶ Superior adhesive for use indoors and outdoors, in all weather conditions
- ▶ Has excellent bonding properties on wet surfaces
- ▶ Rapid cure time, even at low temperatures
- ▶ Remains fully elastic
- ▶ Can be used to bond uneven surfaces due to its excellent gap-filling properties



Product Specifications	WELD-ON Hybrid Turf Adhesive	Roberts 6700 Carpet Adhesive	TurfBond Premium Synthetic Turf Adhesive	Mapei Ultrabond Turf PU 2k
<b>WORKING TIME</b>	40 minutes	60 minutes	30 - 45 minutes	35 - 40 minutes
<i>Longer working time allows for repositioning the turf</i>				
<b>CURE TIME</b>	24 hours	24 - 48 hours	24 hours	12 - 24 hours
<i>Shorter cure time allows for the turf to be used sooner</i>				
<b>CHEMICAL MAKEUP</b>	Hybrid Polymer	SBR Latex	Single Component Polyurethane	Two Component Urethane
<i>Polymer adhesives provide the long-lasting adhesion</i>				
<b>SUBSTRATES</b>	Seam tape or direct to concrete, asphalt, pavers	Concrete	Seam tape	Seam tape
<b>APPLICATION CONDITIONS</b>	Cold & Damp OK	Dry	Dried, Solid & Stable	Dried Surfaces only
<b>VOC CONTENT</b>	4 g/L	<1 g/L	4 g/L	<50 g/L
<b>SHELF LIFE</b>	18 months	24 months	12 months	12 months

Weld-On recommends a caulking gun with a thrust ratio of 18:1 or 26:1, or a battery-powered gun, for the best experience.