



# Ultrabond® Turf Tape

## Premium Turf Seaming Scrim



### DESCRIPTION

*Ultrabond Turf Tape* is a PET-based, spun-bonded fabric with a polyethylene film attached specifically to work with *Ultrabond ECO® 590* turf adhesive for seaming artificial turf. *Ultrabond Turf Tape* is waterproof and provides superior tensile strength and tear resistance, which is vital for installations of professional athletic playing fields. It is also perfectly suited as a seaming base for other artificial turf applications, including installations of residential landscaping, playgrounds and golf courses.

### FEATURES AND BENEFITS

- Superior tensile and shear strength
- Perfectly suited for use with *Ultrabond ECO 590*
- Meets FIFA standards

### INDUSTRY STANDARDS AND APPROVALS

FIFA Joint Strength (EN 12228 & EN 13744): > 25N/100mm

### WHERE TO USE

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

### LIMITATIONS

- Install only in areas recommended by the turf manufacturer.
- Use only the substrate temperature is between 50°F and 90°F (10°C and 32°C), and when the ambient relative humidity is between 20% and 80%.

Note: When the ambient relative humidity is lower than 20%, longer cure times will be expected.

### SUITABLE SUBSTRATES

- Properly prepared field base (per the turf manufacturer's specifications for compaction and drainage)

### SURFACE PREPARATION

- All substrates must be prepared in accordance with the synthetic playing surface manufacturer for the type of intended use and must comply with current regulations or standards (FIFA).
- All substrates must be structurally sound, dry, solid and stable.
- 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.

### MIXING

Note: Wear all appropriate personal safety equipment during use. Refer to the Material Safety Data Sheet (MSDS) for more information.

- Ready to use; no mixing is necessary.

### PRODUCT APPLICATION

1. Read all installation instructions thoroughly before installation.
2. Synthetic turf must be unrolled and acclimated per the manufacturer's written instructions to allow reduction of internal tensions caused by packaging and transport.
3. Place *Ultrabond Turf Tape* at the turf seam line directly on the properly prepared base.
4. Select the appropriately notched trowel (see "Typical Trowels and Approximate Coverages" section).

## Product Performance Properties

Laboratory Tests	Results
Fabric type	PET
Color	Dark green
Shelf life	Unlimited
Storage conditions	50°F to 90°F (10°C to 32°C)

## Application Characteristics (for *Ultrabond ECO 590* turf adhesive)

	Flash Time <sup>†</sup>	Working Time <sup>††</sup>	Adjustability Time <sup>†††</sup>
Turf seaming and rubber sports flooring – at 73°F (23°C) and 50% humidity	0 minutes	60 to 100 minutes	1 to 3 hours

<sup>†</sup> Flash time: Amount of time recommended for the adhesive to remain exposed to the air following application before the installation of floor covering.

<sup>††</sup> Working time: The maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.


<sup>†††</sup> Adjustability time: The window of time when adjustments can still be made to the position of the floor covering without compromising the bond of the adhesive.

Note: Flash time, working time and adjustment time vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

## Packaging

Product Number	Size
02801	Roll: 12" x 330' (30 cm x 101 m)

## Typical Trowels and Approximate Coverages\* – Direct Adhesive Bonding using *Ultrabond ECO 590*

Flooring Type	Typical Trowel	Coverage
Synthetic turf	 1/4" x 1/4" x 1/4" (6 x 6 x 6 mm)	Seaming scrim – 15 to 25 linear ft. per U.S. gal. (1,19 to 1,97 m per L)

\* Trowel dimensions are depth/width/space. Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.

- Spread *Ultrabond ECO 590* evenly along the seaming scrim, keeping the trowel at a 45° angle.
- Only apply as much as can be installed within 1 hour.
- Install turf in strict accordance to the turf manufacturer's written instructions.
- Adhesive transfer to the backing should be confirmed periodically by lifting the turf material.

Note: Weights may be required on turf seams to ensure proper bonding and even thatch heights.

## CLEANUP

- Immediately clean any adhesive smudges from the flooring material's surface with *Ultrabond Urethane Cleaner* while the adhesive is still fresh/wet.

Note: *Ultrabond ECO 590* is extremely difficult to remove when cured.

- Immediately clean tools with *Ultrabond Urethane Cleaner* while the adhesive is still fresh/wet.

## PROTECTION

- Protect from light traffic for at least 12 hours. Protect from heavy traffic for at least 24 hours.
- Protect from rain/water exposure or freezing conditions for 24 hours after installation.
- For synthetic turf installations, do not put into service until 7 days after installation or per other written instructions from the turf manufacturer.

Refer to the MSDS for specific data related to VOCs, health and safety, and handling of product.

## STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith.

**ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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For the most current **BEST-BACKED™** product data and warranty information, visit [www.mapei.com](http://www.mapei.com).

Edition Date: December 21, 2010  
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