



# Ultrabond® Turf 537

## Premium Fast-Setting Epoxy Turf Repair Adhesive



### DESCRIPTION

*Ultrabond Turf 537* is a fast-set, two-component, 100%-epoxy adhesive designed for high strength and fast repairs of artificial turf used in athletic applications. *Ultrabond Turf 537* is provided in a dual-cartridge assembly with a single-use static mixer, eliminating the mess and the need to mix the two components by hand. Inserted under the turf repair, *Ultrabond Turf 537* cures within 2 hours under normal conditions to a very high bond strength that is in excess of FIFA requirements. It is waterproof and will provide a permanent repair that will stand up to the rigors of play, no matter what the sport.

### FEATURES AND BENEFITS

- Provides the ultimate in bond strength for permanent repairs
- Offers easy application and quick cure for fast repairs
- Meets FIFA standards for bond and shear strength

### INDUSTRY STANDARDS AND APPROVALS

- FIFA Joint Strength (EN 12228 & EN 13744): > 25N/100mm
- |   |                    |
|---|--------------------|
| <u>LEED Points Contribution</u>                                     | <u>LEED Points</u> |
| MR Credit 5, Regional Materials* .....                              | Up to 2 points     |
| IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants ..... | 1 point            |

\* Using this product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.

### WHERE TO USE

- Interior and exterior repair of synthetic grass installations
- Professional and educational sports fields arenas
- Commercial and residential landscaping applications of synthetic grass

### LIMITATIONS

- Do not install in areas not recommended by the turf manufacturer.
- Use only when the substrate temperature is between 40°F and 100°F (4°C and 38°C).

Note: *Ultrabond Turf 537*'s cure rate is temperature-dependent, which means that cure times will be longer in cold conditions and shorter in high heat.

### SUITABLE SUBSTRATES

- Manufacturer-recommended seaming scrim or *Ultrabond Turf Tape*

### 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.

### MIXING

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

1. Remove protective cap from the dual-cartridge assembly and attach the static mixer.
2. Place cartridge in appropriate dual-cartridge assembly gun.
3. Extrude material onto a disposable surface until a uniform color is seen.

### PRODUCT APPLICATION

1. Read all installation instructions thoroughly before installation.
2. Pull back synthetic turf in the area of the repair.
3. Extrude *Ultrabond Turf 537* to cover 100% of the area beneath the repair.
4. Place turf into the extruded adhesive and weight the repair to hold it in place during cure.



## Product Performance Properties

Laboratory Tests	Results
Polymer type	Epoxy
Gel time	10 minutes
Cure time	2 hours*
Percent solids	100%
VOCs	< 10 g/L
Color	Off-white when mixed
Shelf life	2 year when stored in original packaging at 73°F (23°C)
Storage conditions	50°F to 90°F (10°C to 32°C)
Flash point (Tag)	> 200°F (93°C)

\* Cure time is temperature-dependent. The 2-hour cure time is based on standard conditions of 73°F (23°C) and 50% relative humidity.

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 Characteristics

Turf Repair	Flash Time*	Working Time**
At 73°F (23°C) and 50% humidity	0 minutes	0 to 15 minutes

\* Flash time is the amount of time recommended for the 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.

Note: Working time and adjustment time vary based on temperature, humidity, substrate porosity and jobsite conditions.

## Packaging

Product Code	Size
93118	Cartridge: 20.05 U.S. oz. (593 mL)
93122	Kit: 6 cartridges, 12 static mixers, 1 dual-cartridge assembly gun, 1 tool box)

## Approximate Product Coverage\*

Application	Coverage per Dual Cartridge
Synthetic turf	2 to 3 sq. ft. (0,19 to 0,28 m²)

\* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and setting practices.

## CLEANUP

- Immediately clean any adhesive smudges from the turf surface with a white cloth and mineral spirits while the adhesive is still fresh/wet.
- Immediately clean tools with a white cloth and mineral spirits while the adhesive is still fresh/wet.
- Note: *Ultrabond Turf 537* is extremely difficult to remove when cured.

## PROTECTION

- Protect repaired area from aggressive play for at least 2 hours.

Refer to MAPEI's 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.**

We proudly support the following industry organizations:



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