



**SPORTS
SYSTEM
TECHNOLOGY**

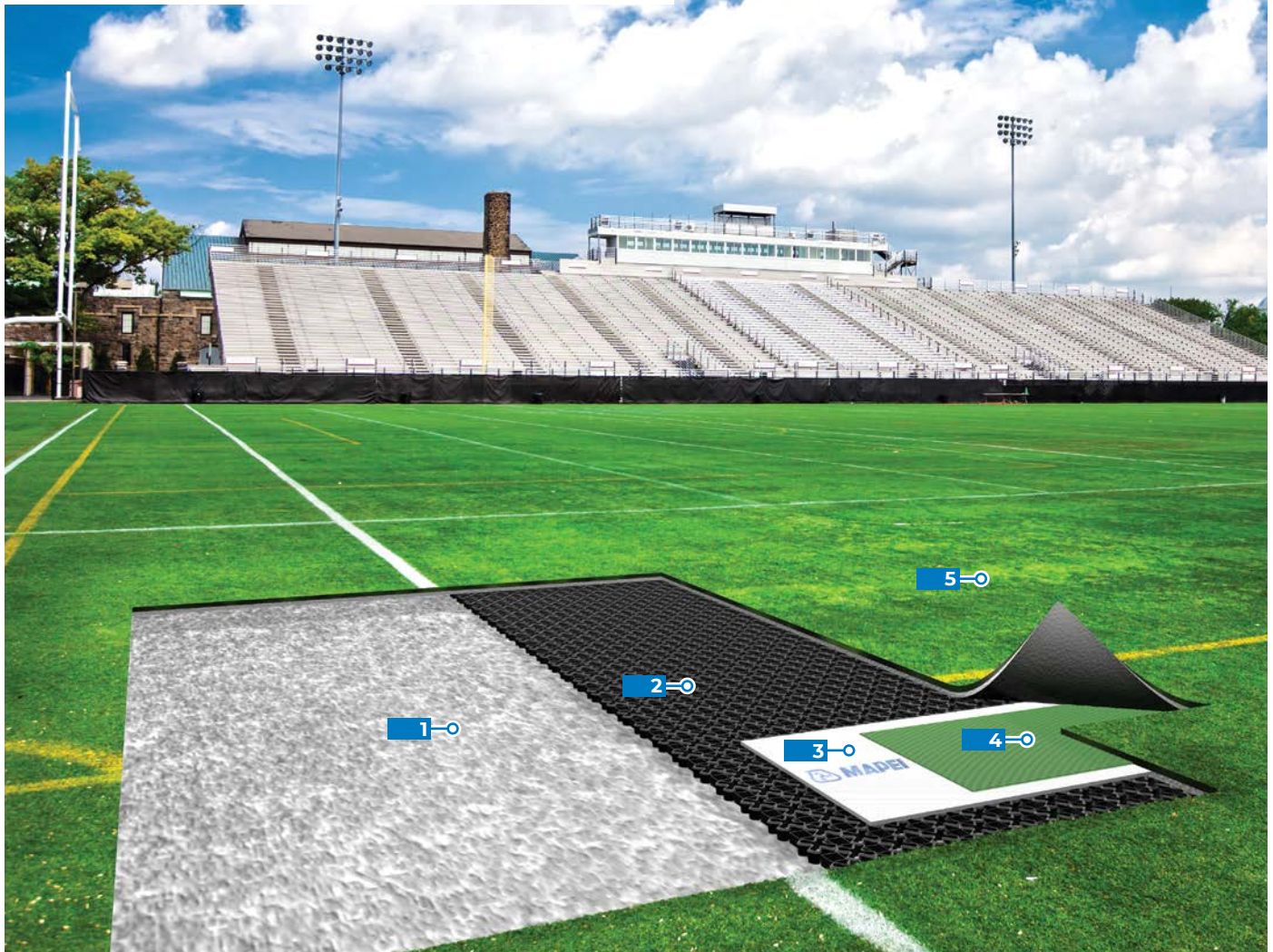
Solutions for Synthetic Sports Surfaces



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MAPEI offers complete systems for installation of synthetic turf fields with multiple adhesive options that comply with rigorous FIFA standards.



- 1** Existing soil treated with *Mapesoil 100*, or with an aggregate base treated with *Mapesoil RD* or *Mapesoil SR*
- 2** Drainage mat (not required with *Mapesoil RD* or *Mapesoil SR*)
- 3** Seam tape *Ultrabond Turf Tape*
- 4** Adhesive *Ultrabond Turf PU 1K*, *Ultrabond Turf PU 2K* or *Ultrabond Turf MS*
- 5** Synthetic turf



Seminole County Sports Complex
Sanford, FL

Mapesoil™ 100

High-performance, fiber-reinforced, powdered stabilizing agent for synthetic turf sub-bases

Mapesoil 100 is an extremely fine, hydraulic, fiber-reinforced, powdered stabilizing agent that is suitable for use with soil, recycled aggregate and raw aggregate. It helps to create an ideal hydrophobic sub-base for professional sports fields and other synthetic turf uses. *Mapesoil 100* also improves the horizontal drainage capacity of installed synthetic surfaces, preventing erosion and the formation of hollows that could cause puddling of water on playing surfaces.

Available in super sacks for large installations, as well as in 33-lb. (15-kg) bags for smaller repair areas



Mapesoil™ RD

High-performance, hydraulic binder for building drainage sub-bases for sports surfaces

Mapesoil RD is formulated to be used to construct drainage sub-bases for playing surfaces made of synthetic, natural and hybrid grass as well as drainage sub-bases for golf bunkers. As a powdered, cement-based binder containing select additives, *Mapesoil RD* is used in place of standard cement to create sub-base building material with high mechanical properties while maintaining a high level of permeability. Sub-bases made with *Mapesoil RD* feature a high infiltration rate that allows the water to drain in a constant, even flow from playing surfaces.

Available in 44-lb. (20-kg) bags for ease of dosing as well as super sacks if required



Mapesoil™ SR

Professional, hydraulic binder for sub-base repair of sports surfaces

Mapesoil SR is formulated to be used to repair soil erosion and aggregate drainage sub-bases for playing surfaces made of synthetic, natural and hybrid grass as well as drainage sub-bases for golf bunkers. As a sprayable, cement-based binder containing select additives, *Mapesoil SR* can be easily used to solidify sub-base building materials with high mechanical properties while maintaining desired drainage features whether permeable or non-permeable.

Available in 50-lb. (22.7-kg) bags





Ultrabond® Turf PU 1K
Premium, fast-setting, urethane adhesive for turf seams

Ultrabond Turf PU 1K is a fast-setting, moisture-curing, one-component, urethane adhesive specifically designed for bonding of synthetic turf in high-performance sports installations. Offering excellent weather resistance, *Ultrabond Turf PU 1K* can be used in interior and exterior applications. It meets FIFA requirements for bond strength in sports-turf applications.

Available in 5-gallon (18.9-L) pails ideally sized for seaming via glue box and in 1-gallon (3.79-L) pails for smaller installations

Ultrabond® Turf PU 1K-HV

High-viscosity, urethane adhesive for turf seams

Ultrabond Turf PU 1K-HV 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, *Ultrabond Turf PU 1K-HV* can be used in interior and exterior applications. It meets FIFA requirements for bond strength in sports-turf applications.

Available in cases of 12 x 29-oz. (858-mL) cartridges with removable tips

Ultrabond® Turf PU 1K-LV

Low-viscosity, fast-setting, urethane adhesive for turf seams

Ultrabond Turf PU 1K-LV is a fast-setting, moisture-curing, polyurethane adhesive specifically designed for seaming and full direct bonding of synthetic turf. The low-viscosity formula is ideal for low-profile turf installations (such as batting cages) and offers excellent weather resistance. *Ultrabond Turf PU 1K-LV* can also be used for quick repairs that require a larger amount of adhesive and is suitable for spray applications via airless pump sprayer.

Available in 55-gallon (208-L) drums, 5-gallon (18.9-L) pails, cases of 4 x 1-gallon (3.79-L) jugs and cases of 12 x 1-quart (946-mL) bottles





Ultrabond® Turf PU 2K

Professional, two-component, fast-set, urethane turf seam adhesive

Ultrabond Turf PU 2K is a high-performance, two-component, fast-set, urethane adhesive designed for the high-performance seaming and direct bonding of synthetic turf used in athletic and landscape applications. *Ultrabond Turf PU 2K* is particularly suited for use in areas of low ambient relative humidity and in cool temperatures. *Ultrabond Turf PU 2K* is colored green to blend in with most synthetic turf products and cures within 2 to 4 hours to a tough, durable bond. *Ultrabond Turf PU 2K* provides seam strengths that exceed FIFA standards. For even faster cure rates or in colder climates, use the additive *Ultrabond Turf PU 2K Accelerator*.

Available in 2-gallon (7.57-L) and 4-gallon (15.1-L) kits conveniently packaged in the mixing pail. *Ultrabond Turf PU 2K Accelerator*: Available in cases of 8 x 6 U.S. oz. (177 mL)



Ultrabond® Turf MS

Premium, hybrid, synthetic turf adhesive

Ultrabond Turf MS is a high-tack, fast-setting, one-component, modified-silane hybrid adhesive designed for installation of high-performance synthetic sports turf. *Ultrabond Turf MS* meets FIFA requirements and is suitable for most weather conditions. *Ultrabond Turf MS* is colored green to blend in with most synthetic turf products.

Available in 4-gallon (15.1 L) pails



Ultrabond® Turf Tape

Premium turf seam tape

Ultrabond Turf Tape is a PET-based, spun-bonded, nonwoven fabric tape designed specifically to work with MAPEI turf adhesives for seaming synthetic turf. *Ultrabond Turf Tape* is waterproof and provides superior tensile strength and tear resistance, which are vital for installations of professional athletic playing fields. It is also perfectly suited as a seaming base for other synthetic turf applications, including installations of residential landscaping, playgrounds and golf courses.

Available in rolls at the sizes 12" x 330 ft. (30 cm x 101 m) and 60" x 100 ft. (150 cm x 30.5 m)





MAPEI USA
MAPEI Caribe
MAPEI Canada

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) /
(954) 246-8888

Technical Services

1-800-992-6273 (U.S. and Puerto Rico)
1-800-361-9309 (Canada)

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Services in Mexico

0-1-800-MX-MAPEI (0-1-800-696-2734)

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