



**SPORTS
SYSTEM
TECHNOLOGY**

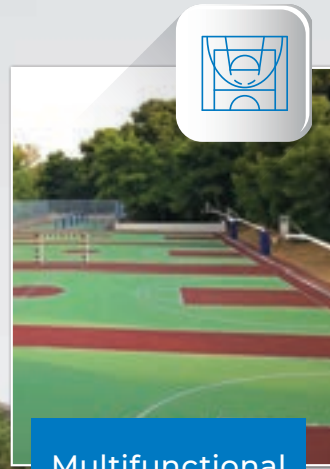
Mapecoat™ TNS

Premium Acrylic Systems
for Sports Surfaces

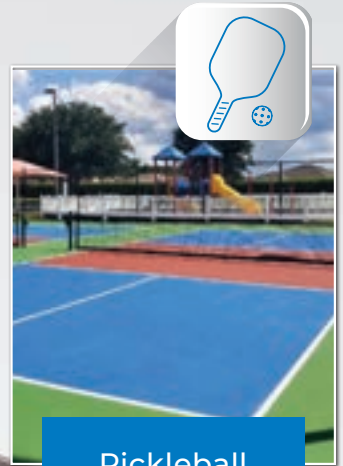


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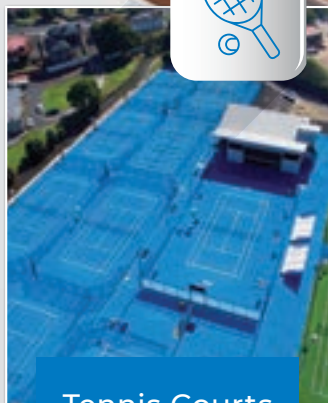
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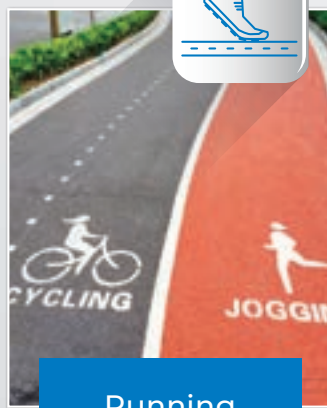
Multifunctional Sports Areas



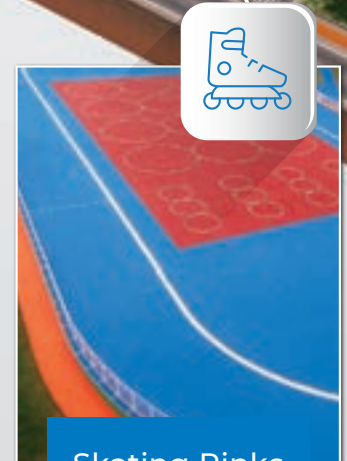
Pickleball Courts



Tennis Courts



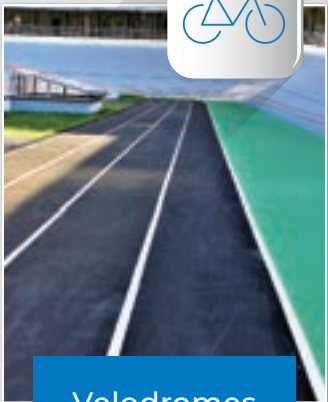
Running Tracks



Skating Rinks

Mapecoat TNS

Premium acrylic systems for sports surfaces



Velodromes

Sports are increasingly characterized by the relationship between the actual performance of athletes and the structures in which athletes perform. The quality of a synthetic field or court is fundamental in defining the excellence of such structures. This is why MAPEI, backed by its wealth of international experience, dedicates the utmost attention to sports. MAPEI's systems make up the most complete offering for the sports sector.

MAPEI has a host of cutting-edge solutions available to help create acrylic-system courts and fields. The resulting surfaces offer excellent performance characteristics to help athletes perform to the best of their ability. All of these sports systems offer high UV resistance and low maintenance.

MAPEI offers a full range of systems certified by the International Tennis Federation (ITF) for tennis courts.



MAPEI acrylic systems for tennis and pickleball courts

Mapecoat TNS Professional, Mapecoat TNS Cushion, Mapecoat TNS Comfort, Mapecoat TNS Reinforced, Mapecoat TNS Binder, Mapecoat TNS Remove



MAPEI acrylic systems for multifunctional areas

Mapecoat TNS Multisport Professional, Mapecoat TNS Multisport Comfort



MAPEI acrylic system for hockey and skating rinks

Mapecoat TNS Roller Professional



MAPEI acrylic system for velodromes

Mapecoat TNS Cycle Track



MAPEI acrylic system for jogging tracks and urban areas

Mapecoat TNS Urban

Mapecoat TNS Professional System



1 Asphalt

2/3 Mapecoat TNS Base Coat White

4 Mapecoat TNS Base Color

5/6 Mapecoat TNS Finish 1, 3 or 4

7 Mapecoat TNS Line Seal

8 Mapecoat TNS Line Tex



Mapecoat TNS Professional is a multilayered, acrylic-based system used to create sports surfaces for playing tennis and pickleball. Suitable for indoor and outdoor courts on asphalt, cementitious and existing acrylic substrates, the system forms a highly resistant and even playing surface for high-speed play with consistent ball bounce.

ITF-certified system

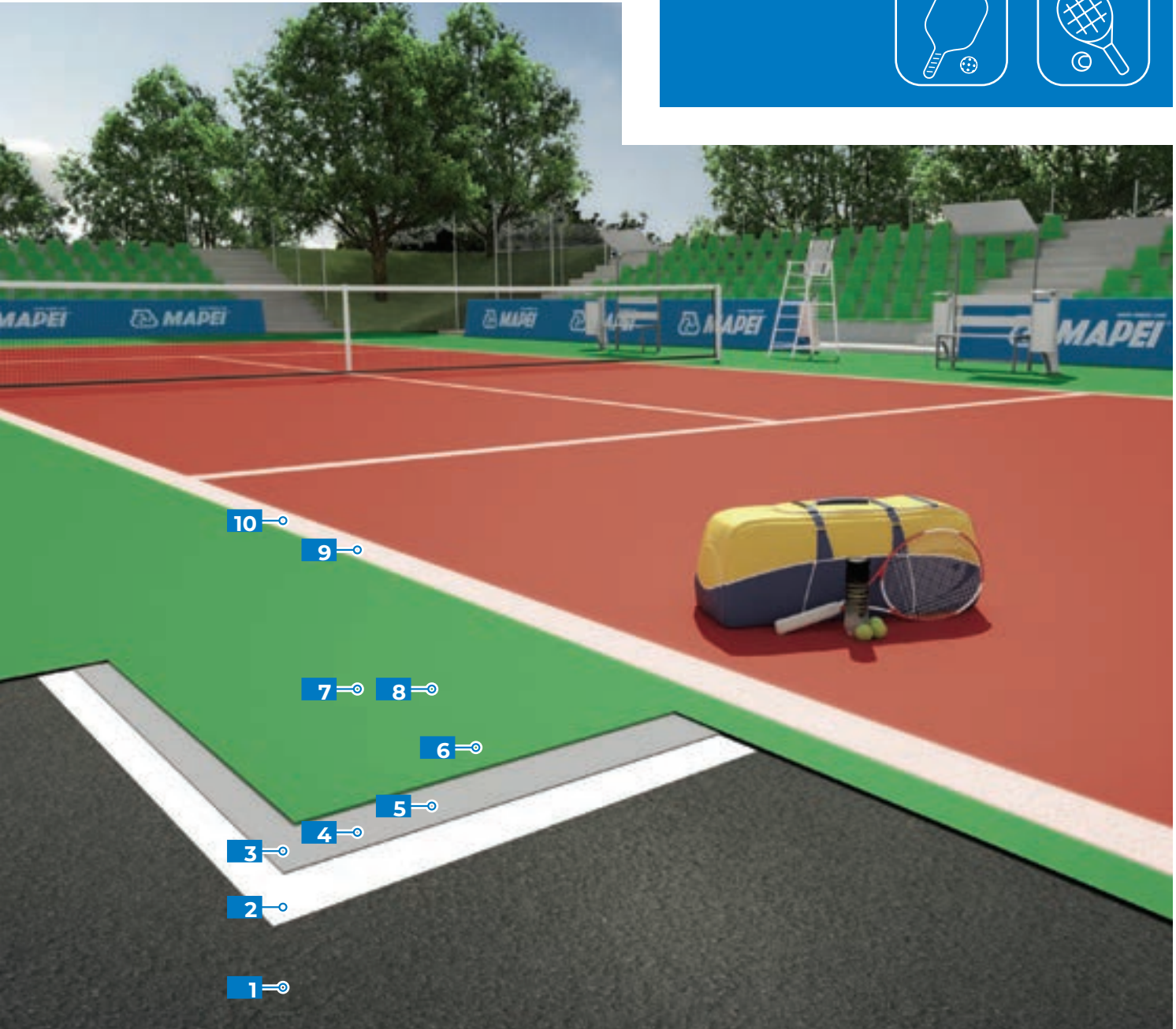


Mapecoat TNS Cushion is a semi-elastic, multilayered, acrylic-based system used to create sports surfaces for playing tennis and pickleball. Suitable for indoor and outdoor courts on asphalt, cementitious and existing acrylic substrates, the system forms a highly resistant and even playing surface for high-speed play with consistent ball bounce.

ITF-certified system



Mapecoat TNS Cushion System



2 Mapecoat TNS Base Coat White

3/4/5 Mapecoat TNS Base Coat Gray

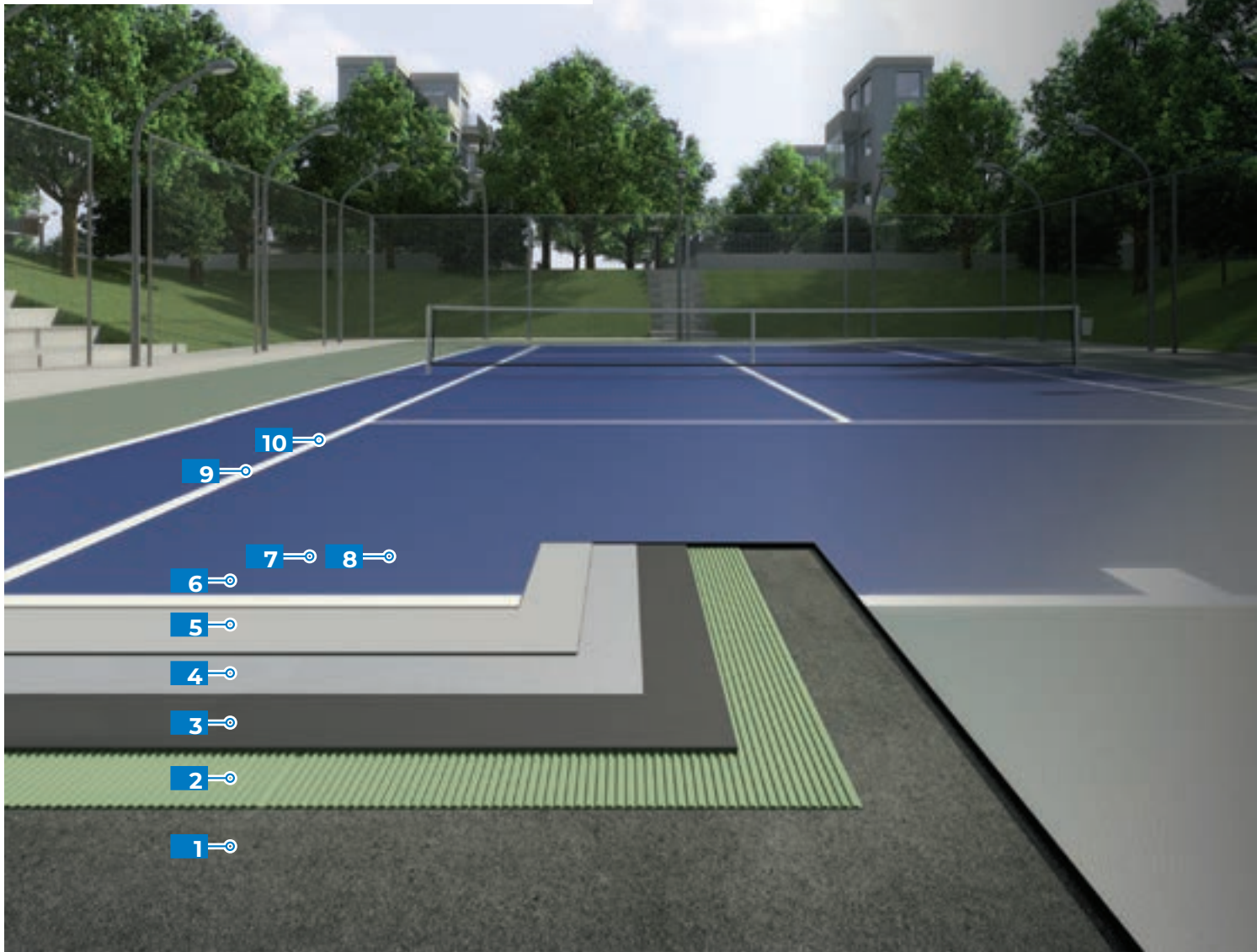
6 Mapecoat TNS Base Color

7/8 Mapecoat TNS Finish 1, 3 or 4

9 Mapecoat TNS Line Seal

10 Mapecoat TNS Line Tex

Mapecoat TNS Comfort System



1 Asphalt

2 Ultrabond®
Turf PU 2K

3 Mapecomfort™
R4

4 Mapecoat TNS
Primer EPW

5 Mapecoat TNS
Base Coat
Gray

6 Mapecoat TNS
Base Color



Mapecoat TNS Comfort is an elastic, multilayered, acrylic-based system with an underlayment of *Mapecomfort R4* rubber mat used to create sports surfaces for playing tennis and pickleball. Suitable for indoor and outdoor courts on asphalt, cementitious and existing acrylic substrates, the system forms a highly resistant and even playing surface for high-speed play with consistent ball bounce. *ITF-certified system*

7/8 Mapecoat TNS
Finish 1, 3 or 4

9 Mapecoat TNS
Line Seal

10 Mapecoat TNS
Line Tex



Mapecoat TNS Reinforced is a multilayered, acrylic-based system applied in combination with *Mapecoat TNS Mesh* glass fiber for refurbishing sports surfaces for playing tennis and pickleball. This system is suitable for indoor and outdoor courts thanks to its particularly high tensile strength characteristics. It has been specifically developed for installation over existing damaged asphalt, cementitious surfaces and existing acrylic substrates, without the need to conduct extensive surface repairs. The system forms a highly resistant and even playing surface for high-speed play with consistent ball bounce.

ITF-certified system



Mapecoat TNS Reinforced System



2 Mapecoat TNS Base Coat White with Mapenet™ Reinforced

3/4 Mapecoat TNS Base Coat White

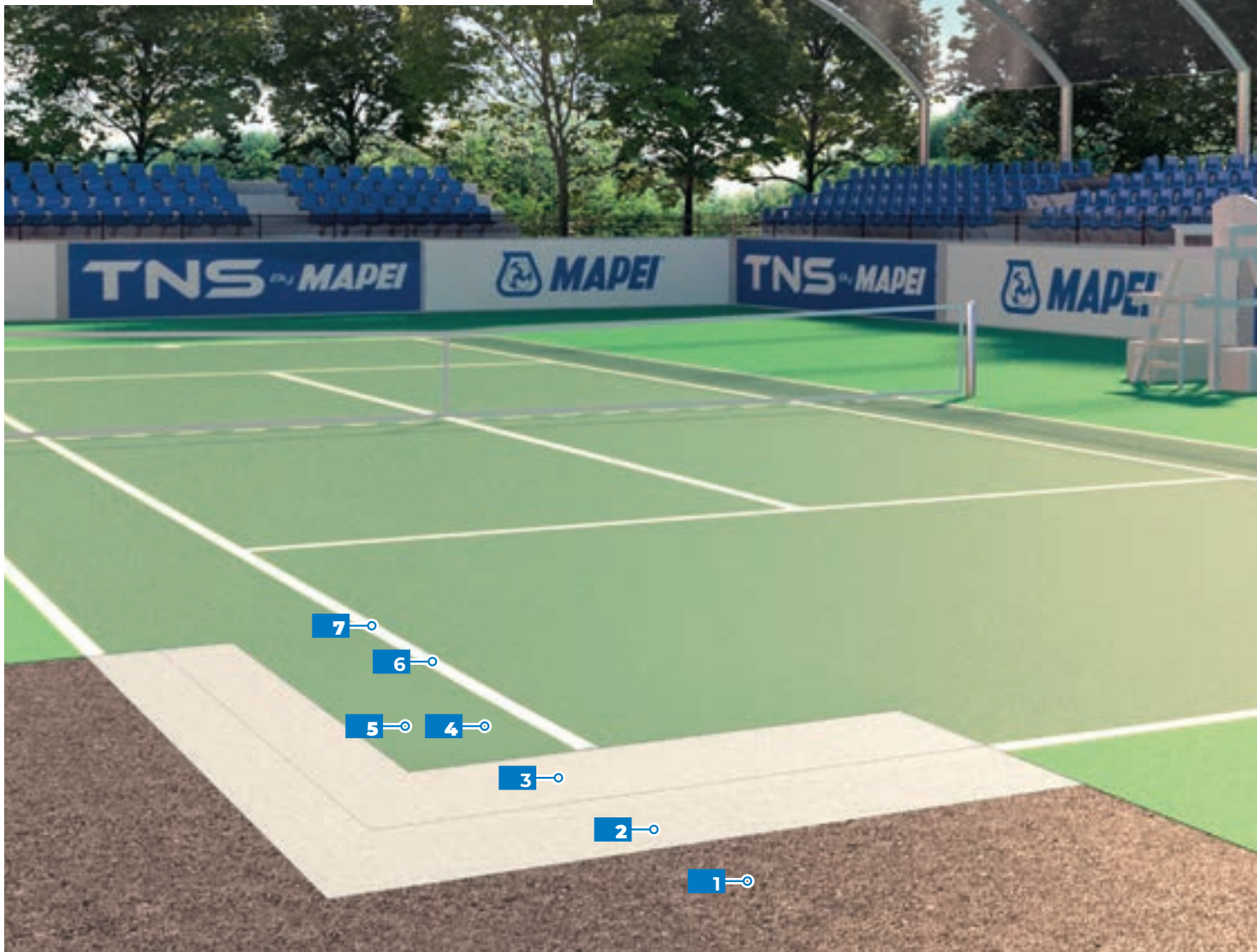
5 Mapecoat TNS Base Color

6/7 Mapecoat TNS Finish 1, 3 or 4

8 Mapecoat TNS Line Seal

9 Mapecoat TNS Line Tex

Mapecoat TNS Binder System



1 Asphalt

2 Mapecoat TNS
Base Coat
Binder

3 Mapecoat TNS
Base Coat
Binder

4/5 Mapecoat TNS
Binder

6 Mapecoat TNS
Line Seal

7 Mapecoat TNS
Line Tex



Mapecoat TNS Binder is a multilayered, 100%-acrylic, concentrated system that is blended with sand and water to create sports surfaces for tennis and multipurpose use. This maintenance-free system is suitable for indoor and outdoor courts on bituminous and cementitious conglomerate substrates. It forms a highly resistant and even playing surface for high-speed play with consistent ball bounce.

ITF 3-certified system



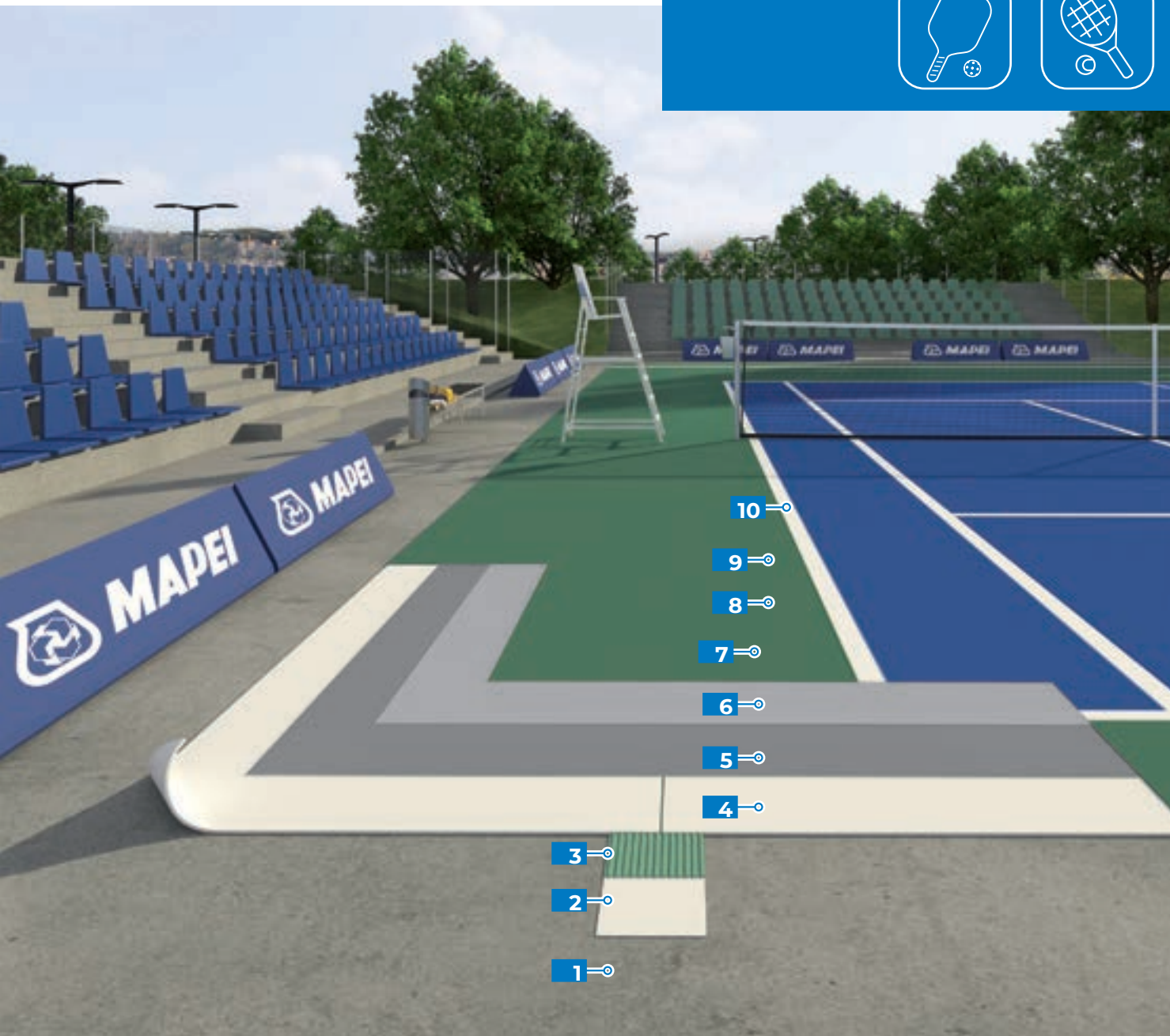
Mapecoat TNS Remove is a self-laying acrylic coating system designed for pro-grade tennis courts and pickleball both hosting temporary events (tournaments, shows or season applications) or built upon humidity-sensitive substrates. It is suitable for indoor and outdoor installations over concrete, asphalt, old acrylic, metal and wood flooring. *Mapecoat TNS Remove* is installed in combination with a self-laying fiber-reinforced elastic PVC underlayment, *Mapecoat TNS RP*, that offers enhanced dimensional stability. The system is fade- and wear-resistant, providing a consistent speed of play combined with an adjusted force reduction for players' comfort.

ITF-certified system and the official flooring of PTR and PPR association.

- 1 Concrete
- 2 *Ultrabond Turf Tape*
- 3 *Ultrabond Turf PU 2K*
- 4 *Mapecoat TNS RP*
- 5 *Mapecoat TNS Base Coat Binder*



Mapecoat TNS Remove



6 Mapecoat TNS Base Coat Gray

7 Mapecoat TNS Base Color

8 Mapecoat TNS Finish 1

9 Mapecoat TNS Line Seal

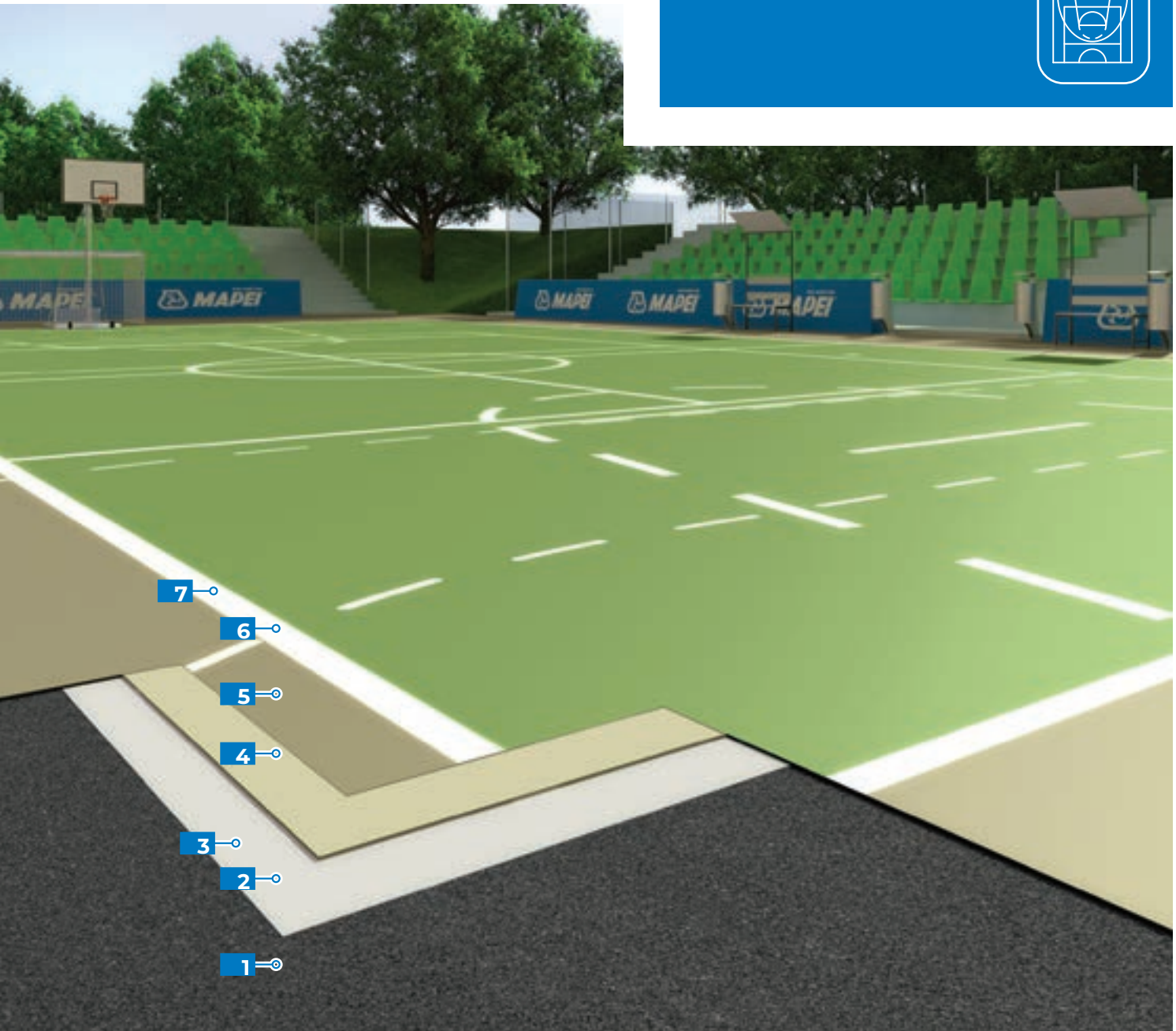
10 Mapecoat TNS Line Tex





Mapecoat TNS Multisport Professional is a multilayered, acrylic-based system used to create multifunctional games areas for basketball, volleyball, roller hockey, soccer and badminton in public areas such as parks, recreational centers, schools and play areas in general. Suitable for indoor and outdoor areas on asphalt, cementitious and existing acrylic substrates, the system forms a highly resistant and even playing surface suitable for multifunctional sports.

Mapecoat TNS Multisport Professional System



1 Asphalt

2/3 Mapecoat TNS
Base Coat
White

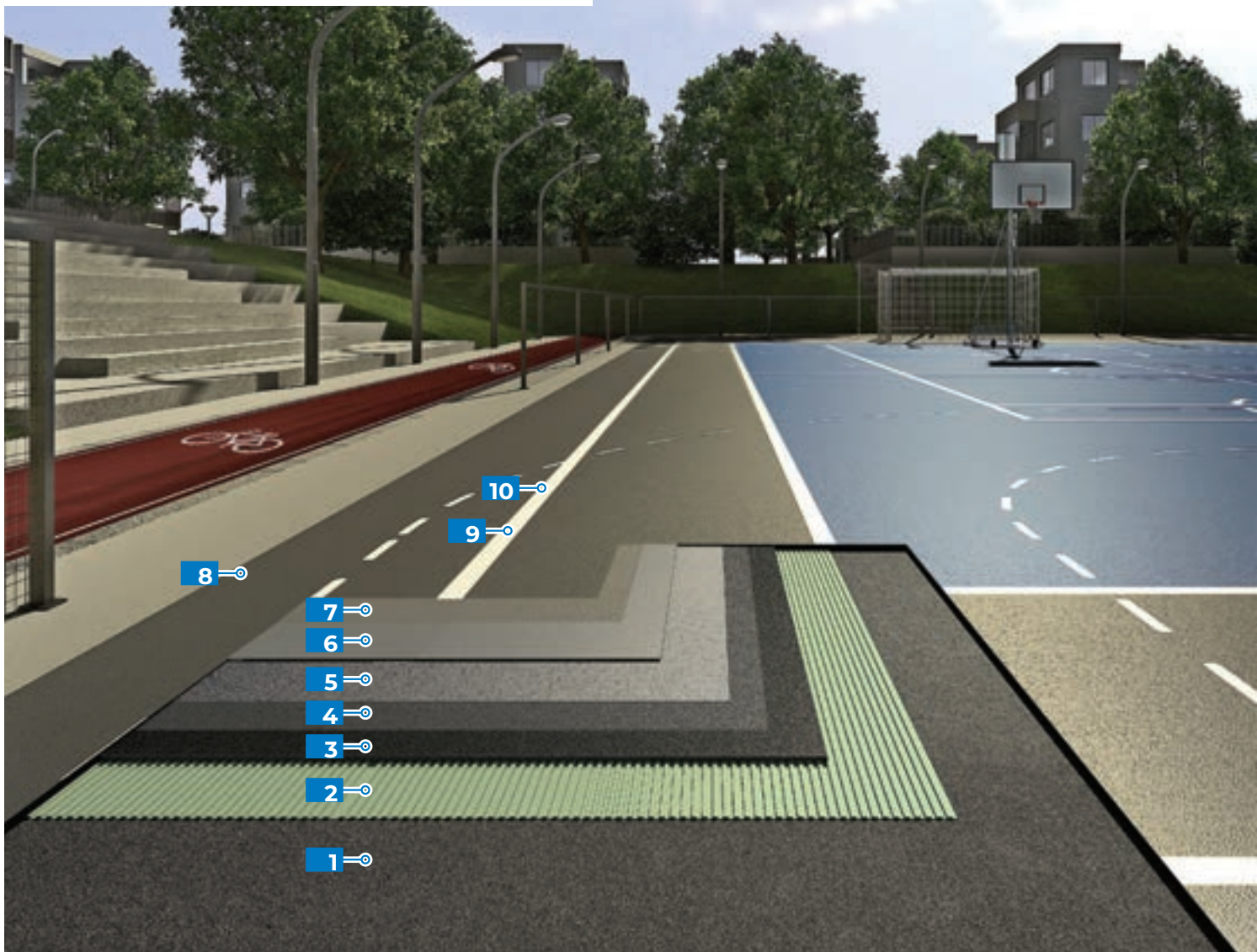
4 Mapecoat TNS
Base Color

5 Mapecoat TNS
Color

6 Mapecoat TNS
Line Seal

7 Mapecoat TNS
Line or Mapecoat
TNS Line Tex

Mapecoat TNS Multisport Comfort System



1 Asphalt

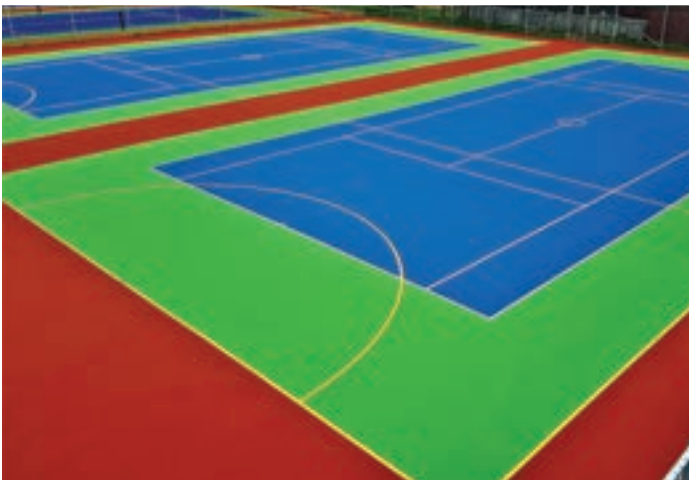
2 *Ultrabond
Turf PU 2K*

3 *Mapecomfort
R4*

4 *Mapecoat TNS
Primer EPW*

5 *Mapecoat TNS
Base Coat Gray*

6 *Mapecoat TNS
Base Color*



Mapecoat TNS Multisport Comfort is an elastic, multilayered, acrylic-based system with an underlayment of *Mapecomfort R4* rubber mat, used to create multifunctional sports areas for playing basketball, volleyball, roller hockey, soccer and badminton in public areas such as parks, recreational centers, schools and play areas in general. Suitable for indoor and outdoor areas on asphalt, cementitious and existing acrylic substrates, the system forms a highly resistant and even playing surface suitable for multifunctional sports.

7 *Mapecoat TNS Color*

8 *Mapecoat TNS Paint*

9 *Mapecoat TNS Line Seal*

10 *Mapecoat TNS Line Tex*



Mapecoat TNS Roller Professional is a multilayered, acrylic-resin-based system used to create sports surfaces for inline and artistic skating. This system is suitable for indoor and outdoor rinks on bituminous and cementitious conglomerate substrates. It forms a strong surface with excellent performance characteristics, such as high abrasion resistance and an excellent balance of low friction for smoother skating and racing stability.

1 Concrete

2 *Mapecoat TNS Primer EPW*

Mapecoat TNS Roller Professional System



3 Mapecoat TNS
Base Coat
White

4 Mapecoat TNS
Base Color

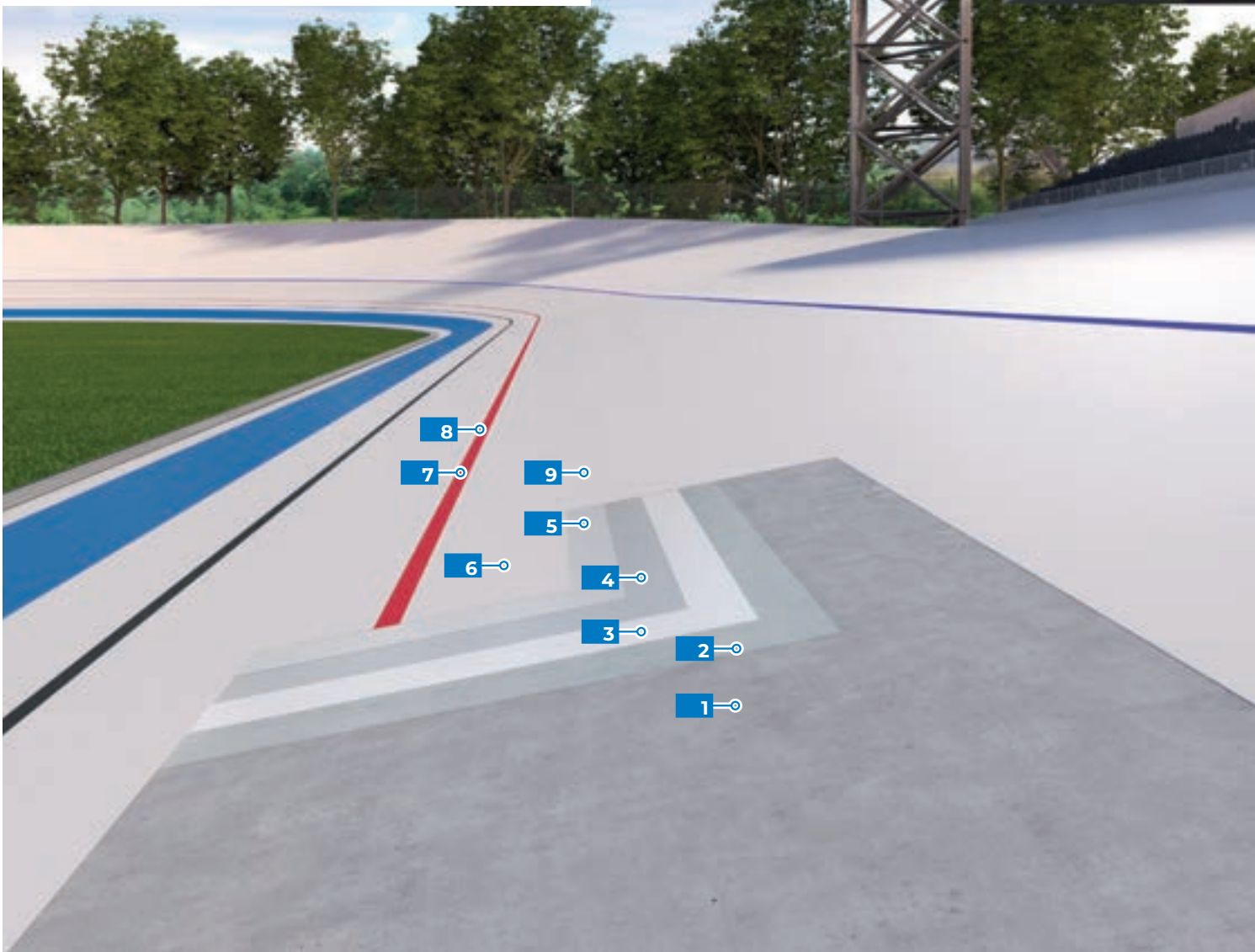
5 Mapecoat TNS
Color

6 Mapecoat TNS
Line Seal

7 Mapecoat TNS
Line Tex

8 Mapecoat TNS
Protection

Mapecoat TNS Cycle Track System



1 Concrete

2 Mapecoat TNS
Primer EPW

3 Mapecoat TNS
Base Coat
White

4 Mapecoat TNS
Base Coat
White

5 Mapecoat TNS
Base Color

6 Mapecoat TNS
Color



Mapecoat TNS Cycle Track is a multilayered, acrylic-resin-based system used to create sports surfaces for velodromes. The system is suitable for indoor and outdoor tracks on bituminous and cementitious conglomerate substrates. It forms a strong surface with excellent performance characteristics, such as high abrasion resistance, and an excellent balance of low friction for smoother wheel rotation and racing stability.

7 *Mapecoat TNS Line Seal*

8 *Mapecoat TNS Line Tex*

9 *Mapecoat TNS Protection*



Mapecoat TNS Urban is a multilayered, acrylic-based system used to create sports surfaces for bicycle, running, hiking and urban tracks. Suitable for indoor and outdoor tracks on asphalt, cementitious and existing acrylic substrates, the system forms a strong surface with excellent abrasion resistance.

Mapecoat TNS Urban System



2 Mapecoat TNS
Base Coat
White

3 Mapecoat TNS
Urban

4 Mapecoat TNS
Urban

5 Mapecoat TNS
Line Seal

6 Mapecoat TNS
Line Tex

7 Mapecoat TNS
Protection

Mapecoat TNS Color Chart



Pink
TNS 27



Lilac
TNS 11



Violet
TNS 12



Miami Purple
TNS 31



Light Gray
TNS 1



Dark Gray
TNS 2



Black
TNS 25



Arena Yellow
TNS 34



Sunshine Yellow
TNS 4



Ochre
TNS 5



Canyon Brown
TNS 26



Brown
TNS 6



Orange
TNS 9



Swiss Red
TNS 24



Light Red
TNS 23



Red
TNS 10



Paris Red
TNS 32



Rio Green
TNS 33



Dark Green
TNS 20



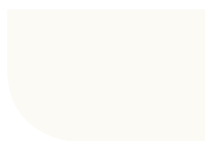
London Green
TNS 30



Forest Green
TNS 21



White
TNS 0



Light Blue
TNS 14



Sea Blue
TNS 15



Melbourne Blue
TNS 28



Dark Blue
TNS 16



Sydney Blue
TNS 35



Night Blue
TNS 22



New York Blue
TNS 29



The colors illustrated are indicative only and may vary due to printing limitations.



ITF 1 indicates a tennis court for slow-speed play. The certified system is *Mapecoat TNS Professional*, and the certified top coating is *Mapecoat TNS Finish 1*.



ITF 2 indicates a tennis court for slow- to medium-speed play. The certified system is *Mapecoat TNS Comfort*.



ITF 3 indicates a tennis court for medium-speed play. The certified system is *Mapecoat TNS Cushion*, *Mapecoat TNS Binder* and the certified finish is *Mapecoat TNS Finish 3*.



ITF 4 indicates a tennis court for medium- to fast-speed play. The certified system is *Mapecoat TNS reinforced* and the certified top coat is *Mapecoat TNS Finish 4*.



ITF Foundation is a forum for consultation and collaboration with companies involved in the manufacture or distribution of tennis products and services.



Professional Pickleball Registry was established in 2018 to educate, certify and serve those professionals teaching the immensely popular sport of pickleball (more than 3 million players as of 2018).



PTR was founded in 1976 by world-renowned coach Dennis Van der Meer. Dennis saw the need to develop a universal language and progressions for tennis teaching. PTR Membership offers unparalleled educational materials, opportunities, career assistance and, most importantly, worldwide recognition and respect.



The ASBA is a non-profit association helping designers, builders, owners, operators and users understand quality sports facility construction. The ASBA sponsors informative meetings; publishes newsletters, books and technical construction guidelines for athletic facilities; and keeps its members aware of the latest developments in the industry. It also offers voluntary certification programs in tennis court, running track and sports field construction.

Mapecoat TNS Project References



Tennis complex at Gold Coast Junior Championships, Gold Coast, Australia
Mapecoat TNS Cushion System



Pickleball courts at SummerGlen Recreation Center in Ocala, Florida, USA
Mapecoat TNS Professional System



**SPORTS
SYSTEM
TECHNOLOGY**



Multisport complex area: Public school in Koprivnica, Croatia
Mapecoat TNS Multisport Professional System



Multisport area: Public facility in Casale Monferrato, Italy
Mapecoat TNS Urban System



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