



MapecoatTM TNS Base Color

**Premium, Acrylic, Textured,
Base Color Coating**



DESCRIPTION

Mapecoat TNS Base Color is a flexible, acrylic, textured, base color coating. It is used as a base color coating for indoor and outdoor surfaces for tennis, pickleball and basketball courts as well as for multipurpose areas. *Mapecoat TNS Base Color* is applied before using *Mapecoat TNS* top coatings (*Mapecoat TNS Color*, *Mapecoat TNS Paint* or *Mapecoat TNS Finish 1, 3 or 4*.)

FEATURES AND BENEFITS

- Just add water
- 29 standard, ready-to-use colors
- ColorMap[™] System Technology enables unlimited custom colors upon request.
- Superior elongation and flexibility

WHERE TO USE

- As a base color coat for indoor and outdoor applications of *Mapecoat TNS* systems
- As a base color coat to renew existing acrylic and urethane surfaces

LIMITATIONS

- Concrete substrates must be completely cured (for at least 28 days) and free from hydrostatic pressure and alkaline conditions.
- Do not install when the moisture vapor emission rate (MVER) of the concrete substrate exceeds 8 lbs. per 1,000 sq. ft. (3.63 kg per 92.9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).

- Do not install when the relative humidity of concrete slabs exceeds 85% (ASTM F2170).
- Do not apply when rain is imminent.
- Do not apply over damp or wet surfaces.
- Apply only when the surface temperature is between 50°F and 140°F (10°C and 60°C).
- Do not apply if the ambient temperature is lower than 50°F (10°C).
- Do not apply if the level of ambient humidity is higher than 85%.
- Asphalt substrate must be completely cured, typically after 15 to 20 sunshine days at above 73°F (23°C).

SUITABLE SUBSTRATES

- Cured concrete
- Cured asphalt

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- For base construction and paving substrate specifications, refer to the American Sports Builders Association (ASBA), United States Tennis Association (USTA), International Tennis Federation (ITF), National Asphalt Pavement Association (NAPA) and American Concrete Institute (ACI) guidelines.
- All concrete substrates must be primed with *Mapecoat TNS Primer EPW*.



Mapecoat TNS Base Color

- Substrates must be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old coating residues, and any other substance or condition that may prevent or reduce adhesion.
- Defects such as potholes, popouts and other large defects must be leveled and treated accordingly before *Mapecoat TNS Base Coat* is applied.

PRODUCT PREPARATION

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- *Mapecoat TNS Base Color* must be diluted with water up to 20% according to the application method used. The use of a low-speed mechanical mixer is recommended. The mixture should be stirred until it reaches a homogeneous consistency. It is important to keep the mixture homogeneous by occasional remixing during the application process.

PRODUCT APPLICATION

- Apply *Mapecoat TNS Base Color* with a flexible rubber squeegee (of 50 or 70 durometers).

DRYING TIME

- 3 to 4 hours at 73°F (23°C) and 50% relative humidity. Low temperatures and high humidity will extend drying time.

CLEANING

- Clean tools with water while the product is still fresh/wet.

PACKAGING

- *Mapecoat TNS Base Color* is available in pails measuring 5 U.S. gals. (18.9 L), and in drums measuring 30 U.S. gals. (114 L) and 55 U.S. gals. (208 L).
- PROTECT FROM FREEZING.

Product Performance Properties

Laboratory Tests	Results
Density	12.68 lbs. per U.S. gal. (1.52 kg per L)
VOCs (Rule #1168 of California's SCAQMD)	50 g per L

Shelf Life and Product Characteristics

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Physical state	Thick liquid

Approximate Coverage* (undiluted)

Coverage in sq. ft. per U.S. gal.	Coverage in sq. yd. per U.S. gal.	Coverage in m ² per L
110 to 120	12.2 to 13.3	2.7 to 2.9

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and application technique used.

Mapecoat[™] TNS
Base Color

Mapecoat TNS Base Color



Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at

www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use,

and the user alone assumes all risks and liability. **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:



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)
Edition Date: May 10, 2022
MK 8302 (22-1864)

For the most current product data and BEST-BACKED™ warranty information, visit www.mapei.com.

All Rights Reserved. © 2022 MAPEI Corporation.