

Mapecoat TNS Mat Sealer 1K

Single-Component Sealer for Rubber Mats



DESCRIPTION

Mapecoat™ TNS Mat Sealer 1K is an easy-to-apply, single-component, water-based mat sealer for use in the Mapecoat TNS Comfort and Comfort Elite systems to seal and waterproof rubber mats before the application of topcoats. This ready-to-use sealer can be applied by squeegee or roller.

FEATURES AND BENEFITS

- Ready to use with no dilution or second component
- Easy application by squeegee or roller
- Provides an easy surface for *Mapecoat TNS Base Coat Binder* [NA] to adhere to

WHERE TO USE

- On indoor and outdoor sports courts
- For sealing the top surface of *Mapecomfort*™ mats in the *Mapecoat TNS Comfort* and *Comfort Elite* systems

LIMITATIONS

- Do not apply if rain or ambient temperatures below 50°F (10°C) are expected within 24 hours.
- Do not apply over damp or wet surfaces.
- Do not add water.
- Do not apply if the surface temperature is lower than 50°F (10°C) or greater than 130°F (54°C). Allow for extra curing time for temperatures below 70°F (21°C).
- Do not expose the application area to traffic or rolling loads for at least 24 hours.

SUITABLE SUBSTRATES

- Fully adhered 4-mm or 7-mm *Mapecomfort R* [NA] mats

SURFACE PREPARATION

- For base construction and paving substrate specifications, refer to guidelines from 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).
- Substrate must be structurally sound, dry, solid and stable.
- Substrate 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 might affect proper bonding of the product, resulting in possible cracking and altered product performance.
- Prior to sealing, *Mapecomfort* mats should be adhered to the substrate and rolled with a 100-lb. (45.4-kg) carpet roller, and any seam gaps should be filled with *Mapecoat TNS PU 3-in-1*. Refer to these products' Technical Data Sheets for details.

MIXING

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

- While *Mapecoat TNS Mat Sealer 1K* is supplied ready to use, it is recommended to shake or stir the container before application.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- Use a rubber squeegee or short-nap roller to apply a thin, even coat to the entire *Mapecomfort* mat surface.

CURING

- Protect *Mapecoat TNS Mat Sealer 1K* from high winds and frost while curing.

CLEANUP

- Use water to clean tools immediately while the product is still fresh/wet. Any dried or cured material must be removed mechanically.

Product Performance Properties

Laboratory Tests	Results
Density	8.35 to 8.60 lbs. per U.S. gal. (1.00 to 1.03 g per cm ³)
VOC content (SCAQMD Rule 1168)	< 250 g per L
Typical VOC content per SCAQMD Rule 1168 testing methods	2 g per L

Product Properties

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Curing time at 73°F (23°C)	2 to 3 hours
Color	White

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.

Packaging

Size
Plastic pail: 5 U.S. gals. (18.9 L)

Approximate Coverage*

Coverage
90 to 100 sq. ft. per U.S. gal. (2.20 to 2.45 m ² per L)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to site conditions and application techniques.

RELATED DOCUMENTS

- Reference guide: "Surface preparation requirements" for floor-covering installation systems**

** At www.mapei.com

ADDITIONAL INFORMATION

Refer to the Safety Data Sheet (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).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

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.**

CONTACT INFORMATION

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

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