

Mapecoat TNS Line Seal [NA]

Premium, Acrylic, Line Paint Sealant



FOR PROFESSIONAL USE ONLY

DESCRIPTION

Mapecoat™ TNS Line Seal [NA] is a premium, acrylic, transparent sealant for the edges of the masking tape before the application of *Mapecoat TNS Line* or *Mapecoat TNS Line Tex* line paint.

FEATURES AND BENEFITS

- Ready to use
- Fast-set acrylic sealant

WHERE TO USE

- To seal the masking tape before applying the line paint *Mapecoat TNS Line* or *Mapecoat TNS Line Tex*

LIMITATIONS

- Concrete substrates must be completely cured (at least 28 days), free from hydrostatic pressure and alkaline conditions, and pre-treated with *Mapecoat TNS Primer EPW*.
- Asphalt substrate must be completely cured (at least 15 to 20 sunshine days above 73°F or 23°C).
- Do not install when the moisture vapor emission rate (MVER) 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 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 humidity is higher than 85%.

SURFACE PREPARATION

- Standard requirements for the substrate (such as asphalt) must adhere to American Sports Builders Association (ASBA) guidelines.
- The substrate must be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.

MIXING

- This product is ready to use. Shake the container before opening.

PRODUCT APPLICATION

- Apply *Mapecoat TNS Line Seal* [NA] with a roller or brush.

CLEANUP

- Clean tools with water while the product is still fresh/wet.
- Clean with mineral spirits once the product has dried. Use caution with mineral spirits, which may be harmful to some materials.

Product Performance Properties

Laboratory Tests	Results
Appearance – ASTM D523	Flat < 5@60
Weathering – ASTM D6695 (Xenon Arc: 10,000 hours)	Passed
Abrasion resistance – ASTM D968 (at 3,000 L)	Passed
Elongation (at break) at 73°F (23°C) and 50% relative humidity – ASTM D638	650%
Tensile strength – ASTM D638	130 psi (0.90 MPa)
Mandrel bend test – ASTM D522	Passed (no cracking)
VOC content (SCAQMD Rule 1113)	<100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	65 g per L

Shelf Life and Product Characteristics

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Storage conditions	Store at 50°F to 95°F (10°C to 35°C).
Drying time	30 to 60 minutes at 73°F (23°C) and 50% relative humidity

Approximate Coverage*

for standard tennis court lines

Coverage
480 linear ft. per U.S. gal.
160 linear yds. per U.S. gal.
38.5 linear m per L

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

Packaging

Size
Jug: 1 U.S. gal. (3.79 L)

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

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

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

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

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

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