

MAPECOAT TNS LINE SEAL

Acrylic clear paint in water dispersion for sport surfaces line marking

DESCRIPTION

Mapecoat TNS Line Seal is a one-component acrylic paint in water dispersion with selected fillers specifically formulated in MAPEI Research & Development laboratories for optimising the marking out of playing areas on floors.

WHERE TO USE

- Creating a border for paint used to mark out playing areas on tennis courts, basketball courts, volleyball courts, 5-a-side football pitches and multi-sport courts made from one of the **Mapecoat TNS** systems.
- Creating a border for paint used for particularly detailed artworks, such as logos.

TECHNICAL CHARACTERISTICS

Mapecoat TNS Line Seal is a clear one-component paint for indoor and outdoor surfaces made from acrylic resins in water dispersion, flexible and compatible with the products from the **Mapecoat TNS** range. Once dry, the product is transparent and does not alter the colour of the flooring it is applied on. **Mapecoat TNS Line Seal** is specifically formulated for creating borders around lines made with **Mapecoat TNS Line** and **Mapecoat TNS Line Tex** to mark out playing areas on sports surfaces and leads to lines with sharp edges and no unsightly defects. **Mapecoat TNS Line Seal** may also be used to create special designs more accurately on surfaces (such as logos, brand names, etc.) in a combination of numerous coloured topcoatings.

RECOMMENDATIONS

- Do not dilute **Mapecoat TNS Line Seal** with solvent.
- Do not apply **Mapecoat TNS Line Seal** directly on dusty, crumbling or weak surfaces.
- Do not apply **Mapecoat TNS Line Seal** on substrates with oil or grease stains or with dirt in general.

APPLICATION PROCEDURE

Preparation of the substrate

Apply **Mapecoat TNS Line Seal** directly on **Mapecoat TNS** topcoating once completely dry. Application of **Mapecoat TNS Line Seal** over different topcoatings is possible after carefully checking the state of the old layer and after carrying out preliminary tests to verify their compatibility and that there is good adhesion of **Mapecoat TNS Line Seal**.

Preparation of the product

Mapecoat TNS Line Seal may be diluted with 5-10% maximum of clean water, depending on weather conditions at the time of application. Mix the product thoroughly before use.

Application of the product

Mapecoat TNS Line Seal is applied by roller or brush. It is preferable to use a roller to get more even distribution of the product, better cover and well-defined lines.

After applying masking tape to define the playing areas to be marked out, apply a coat of **Mapecoat TNS Line Seal** along the edge of the tape adjacent to the area to be painted with **Mapecoat TNS Line** or **Mapecoat TNS Line Tex**. In this way, the product forms an area of continuity between the tape and the area to be painted and prevents the coloured paint forming unsightly defects.

Protect treated surfaces from rain to prevent **Mapecoat TNS Line Seal** coming into contact with water during the drying phase and affecting the quality of the topcoating. The next coat of paint may then be applied once dry.



Mapecoat TNS Line Seal application by roller for marking the area to be coated



Application by roller of either Mapecoat TNS Line Tex or Mapecoat TNS Line



Removal of the masking tape with sharp line

PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

- Do not apply **Mapecoat TNS Line Seal** if it is about to rain or in windy weather.
- Do not apply **Mapecoat TNS Line Seal** on damp or wet surfaces; it may not adhere correctly.
- Do not apply if the temperature is lower than +10°C or higher than +35°C.
- Do not apply if the temperature of the substrate is higher than +50°C.
- Do not apply when humidity is above 85%.

CLEANING

Clean tools used to apply the product with water. Once dry, **Mapecoat TNS Line Seal** may only be removed mechanically. Clean all tools and equipment thoroughly immediately after applying the product.

CONSUMPTION

0.1-0.2 kg/m² (per coat).

PACKAGING

Mapecoat TNS Line Seal is supplied in 5 kg plastic tubs.

STORAGE

24 months in a dry place away from sources of heat at a temperature of between +5°C and +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
DESCRIPTION	
Acrylic clear paint in water dispersion for sport surfaces line marking	
CHARACTERISTICS	
Consistency:	thick liquid
Dry solids content (%):	approx. 59
Density (g/cm ³):	approx. 1.18
Dilute Mapecoat TNS Line Seal with up to 5-10% maximum of water.	
DRYING:	by air
Recoat time:	6-12 hours under normal humidity and temperature conditions, and in all cases, only when the previous coat is completely dry

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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 or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

988-1-2021-en

Any reproduction of texts, photos and illustrations published here is prohibited and subject to prosecution

