

# MAPECOAT TNS RE PLAY

Self-laying fibre-reinforced elastic PVC mat used in combination with products from the Mapecoat TNS line to make tennis courts and both indoor & outdoor multi-purpose playing surfaces



## WHERE TO USE

Self-laying fibre-reinforced elastic PVC mat used in combination with products from the **Mapecoat TNS** range to make tennis courts and multi-purpose playing surfaces.

### Some application examples

- New indoor and outdoor playing surfaces on asphalt and cement.
- Maintenance operations on indoor and outdoor playing surfaces, including old worn surfaces, such as tennis courts and multi-purpose playing surfaces previously coated with one of the systems from the **Mapecoat TNS** line.
- Maintenance operations on both indoor and outdoor playing surfaces previously coated with synthetic resin.
- Maintenance operations on cracked indoor and outdoor screeds when the cracks cannot be repaired due to the risk of movement.
- Due to the special "remove" technology, it may be used to create temporary playing surfaces for indoor sports events without damaging existing flooring in wood, rubber, etc.

## TECHNICAL CHARACTERISTICS

**Mapecoat TNS RE Play** is a highly stable 3.6 mm thick underlay made from fibre-reinforced PVC supplied in rolls 1.5 metres wide by 20 metres long weighing 4.3 kg/m<sup>2</sup>. The back face has a network of small dimples that create a gap when it is rolled out on the substrate so that air can circulate freely.

**Mapecoat TNS RE Play** is particularly flexible which helps it adapt perfectly to any substrate. It does not absorb moisture, is perfectly stable and is practically unaffected by changes in temperature.

**Mapecoat TNS RE Play** also improves heat insulation and soundproofing against the noise of footsteps.

Dimensional variations in **Mapecoat TNS RE Play** are negligible, which means acrylic resin coating from the **Mapecoat TNS** range applied over it remains stable.

**Mapecoat TNS RE Play**, along with its relative acrylic resin coating product from the **Mapecoat TNS** line, may then be rolled up and removed, leaving the substrate in its original condition without the need for cleaning.

## RECOMMENDATIONS

- Do not apply **Mapecoat TNS RE Play** directly on dusty, crumbling or weak surfaces.
- Do not apply **Mapecoat TNS RE Play** on substrates with oil or grease stains or stains in general.
- Do not apply **Mapecoat TNS RE Play** on surfaces used by heavy-goods vehicles.
- **Mapecoat TNS RE Play** may also be used on substrates with rising damp. In such cases the substrate must be carefully checked before laying the mat.
- Only overlay **Mapecoat TNS RE Play** on other types of resin coating after carefully checking the condition of the wear layer of the existing playing surface and only after carrying out preliminary tests to verify the playing surface and **Mapecoat TNS RE Play** are compatible.
- **Mapecoat TNS RE Play** is also suitable for external use.
- Do not lay **Mapecoat TNS RE Play** when the temperature is lower than +15°C.
- Do not bond **Mapecoat TNS RE Play** to the substrate.
- Do not place **Mapecoat TNS RE Play** in direct contact with perimeter walls.
- Anhydrite screeds and gypsum-based smoothing layers must be perfectly dry before laying **Mapecoat TNS RE Play**.

# APPLICATION PROCEDURE

## Preparation of concrete substrates

Concrete substrates must be stable, strong, flat or with a maximum slope of 1.5% and have no loose or weak areas. The substrate must be sufficiently strong for the loads to which the playing surface will be subjected during sporting activities.

Any substance that could ferment or give off unpleasant odours in the presence of moisture must be removed prior to laying.

Repair cracks by filling them with **Eporip** and repair any deteriorated areas of the concrete with a cementitious mortar from the **Mapegrout** range or with **Planitop Smooth & Repair**.

Before laying **Mapecoat TNS RE Play** remove all traces of dust from the surface with a vacuum cleaner.

## Preparation of the product

Before laying **Mapecoat TNS RE Play**, make sure the floor and the surroundings have been acclimatised to the temperature recommended by the manufacturer. The temperature must be at least +15°C. **Mapecoat TNS RE Play** and the flooring to be installed must be removed from their packaging a few hours before use and the sheets must be unrolled and left to rest in the direction they will be applied.

Leave isolating joints 10-20 mm wide between the sheets of **Mapecoat TNS RE Play** and perimeter walls and columns.

When applying the sheets of **Mapecoat TNS RE Play**, stagger the end joints in the sheets.

## Application of the product

We recommend rolling out the rolls of **Mapecoat TNS RE Play** so they may acclimatise sufficiently before they are laid.

Fold back the joints between the sheets of **Mapecoat TNS RE Play** so that they may be bonded in place with **Ultrabond Turf Tape 100** and **Ultrabond Turf 2 Stars** (before applying the adhesive make sure there are no loose or weak areas in the surface). Fold the **Mapecoat TNS RE Play** onto the **Ultrabond Turf 2 Stars** while it is still wet (within one hour at +23°C) and carefully massage the joints so they come into full contact with the adhesive and to remove any air bubbles. If the mat is not perfectly flat, put weights (such as bags of sand or other material) on the uneven areas, along the joints and at the ends of the mat.

Do not kneel directly on the floor when massaging the sheets (use pieces of polystyrene or plywood).

Make sure there are no gaps between the joints in the **Mapecoat TNS RE Play**. If there are gaps they must be sealed with **Ultrabond Turf 2 Stars** so that the surface is perfectly even.

Once all the joints in the **Mapecoat TNS RE Play** have been bonded, you may pass on to the next step (refer to the **Mapecoat TNS Remove** Technical Data Sheet or the Technical Data Sheet for each product used).

# PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

- Do not apply **Mapecoat TNS RE Play** 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 if the level of humidity is higher than 85%.

## PACKAGING

20 meter rolls (20 m x 1.5 m).

Weight of roll: approx. 129 kg.

# SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapecoat TNS RE Play** is an article and, according to current European standards (Reg.1906/2007/CE-REACH), does not require a Material Safety Data Sheet. When using this product it is recommended to use protective gloves and goggles and to adhere to the safety guidelines for the area in which work is carried out.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Thickness (mm):	3.6 (± 0.2)

Wear layer (mm):	0.5
Weight (kg/m <sup>2</sup> ):	4.3 (± 10%)
Width of roll (cm):	150
Length of roll:	20 metres or according to request
Anti-bacteria treatment:	SANITIZED
Dimensional stability (%):	< 0.2
Shore A hardness:	70
Resistance to chemicals:	neutral detergents normally used for cleaning the material have no effect on its characteristics

## 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](http://www.mapei.com)

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