



# Mapecomfort

**Flexible rubber matting made from granules of recycled rubber, used in combination with products from the Mapecoat TNS range to create multi-purpose playing fields and tennis courts on asphalt or concrete**

## WHERE TO USE

Flexible base matting applied in combination with products from the **Mapecoat TNS** range for tennis courts and multi-purpose playing fields.

## Some application examples

New indoor and outdoor playing fields on asphalt and cement.

Maintenance operations on playing fields, including old worn fields, such as tennis courts and multi-purpose playing fields coated with one of the systems from the **Mapecoat TNS** range.

Maintenance operations on internal and external fields previously coated with synthetic resins.

## TECHNICAL CHARACTERISTICS

The rolls of **Mapecomfort** are made from reclaimed rubber and high quality polyurethane resin binder. The use of recycled rubber follows the trend for product sustainability.

## RECOMMENDATIONS

Do not apply **Mapecomfort** directly on dusty, crumbly or incoherent fields.

Do not apply **Mapecomfort** on substrates polluted with oil, grease or dirt in general.

Do not apply **Mapecomfort** on fields used by heavy-goods vehicles.

Do not apply **Mapecomfort** directly on substrates with water under pressure. With this type of substrates, the surface must first be treated with an appropriate product before checking if it is possible to apply **Mapecomfort**.

**Mapecomfort** may only be applied over other types of resin finishes after thoroughly checking the condition of the old paint, and after carrying out preliminary tests to verify their compatibility and that there is good adhesion between the old paint and **Mapecomfort**.

## APPLICATION PROCEDURE

### Preparation of concrete substrates

Concrete fields to be coated with this product must be clean, free of loose areas and as flat as possible, or with a maximum slope of 1.5%. The substrate must be sufficiently strong for the loads the surface will have to withstand when in service.

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 and bonding **Mapecomfort**, remove all traces of dust from the surface with a vacuum cleaner.

If the product is laid on fields previously coated with synthetic resins or on an unknown type of coating, test a small area of the surface for adhesion and paintability by applying a coat of **Mapecoat TNS Primer EPW**.

After 4-6 hours, lay the rolls of **Mapecomfort**.

### Preparation of the product

Unroll the sheets of **Mapecomfort** over all the surface to be covered at least one day before bonding them in place.

### Application of the product

Bond the **Mapecomfort** to the substrate by applying **Adesilex G19** epoxy-polyurethane adhesive over the entire surface. Refer to the **Adesilex G19** Technical



## TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Density (kg/m <sup>2</sup> ):	3.0
Dynamic stiffness (MN/m <sup>2</sup> ):	66
Tensile strength (KPa):	470
Recyclable (%):	100
Density of the rubber (kg/m <sup>3</sup> ):	750
Elongation at breakage (%):	41
Heat resistance:	up to +80°C
Cold resistance:	up to -30°C

Data Sheet for instructions on how to use it correctly.  
Protect freshly-bonded fields from rain for the first few hours after laying **Mapecomfort** to prevent them coming into contact with water and compromising the quality of the bond. Finish off the **Mapecomfort** with products from the **Mapecoat TNS** range after priming the surface with **Mapecoat TNS Primer EPW**.

### PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

Do not apply **Mapecomfort** if it is about to rain or in windy weather.  
Do not bond **Mapecomfort** on damp or wet fields, otherwise it may not adhere correctly. Do not bond the product in place if the temperature is lower than +10°C or higher than +35°C.  
Do not bond the product in place if the temperature of the substrate is higher than +50°C.  
Do not bond the product in place if the level of humidity is higher than 85%.

### PACKAGING

**Mapecomfort** is supplied in  
1 m x 20 m rolls, 4 mm thickness and  
1 m x 16 m rolls, 5 mm thickness.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapecomfort** is an article and referring to the current European regulations (Reg. 1906/2007/CE - REACH) does not require the preparation of the Material Safety Data Sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

### 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)**

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

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

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



BUILDING THE FUTURE