

PURTOP EASY T

One-component transparent aliphatic polyurethane waterproofing membrane for terraces and balconies.



WHERE TO USE

Waterproofing old tiled terraces, balconies and walkways.

ADVANTAGES

- **Purtop Easy T** forms a highly elastic and durable membrane.
- **Purtop Easy T** is an aliphatic product and remains stable against UV rays.
- **Purtop Easy T** is a one-component, ready-to-use product and is very easy to apply.
- **Purtop Easy T** does not require any reinforcement.

TECHNICAL CHARACTERISTICS

Purtop Easy T is a one-component, transparent, aliphatic polyurethane waterproofing membrane formulated in the MAPEI R&D laboratories suitable for coating old tiled surfaces with infiltrations used by pedestrian traffic.

Once applied, in just a few hours **Purtop Easy T** forms a seamless, elastic membrane with no overlaps and excellent crack-bridging properties which is able to withstand normal dynamic stresses acting on balconies and terraces.

RECOMMENDATIONS

- Do not apply **Purtop Easy T** if the surrounding temperature is lower than +5°C or higher than +35°C or if it is about to rain.
- Do not apply if there is dew on the substrate.
- Do not apply **Purtop Easy T** on substrates with rising damp or with more than 4% of residual moisture.
- Do not apply on surfaces continually immersed in water such as decorated tanks or swimming pools.
- Do not use aggressive products to clean **Purtop Easy T** (such as bleach or corrosive products).

APPLICATION PROCEDURE

Preparation of the substrate

Old floors in ceramic, porcelain, klinker, etc. must be well bonded to the substrate and must be completely free of any substances which could affect adhesion, such as grease, oil, wax, paint, etc.

The grouts between the tiles must be sound and in good condition. If they are partially damaged or loose, remove the grout and fill the grouts in the floor with a suitable product from the MAPEI range before applying **Purtop Easy T**.

Apply **Purtop Easy T Primer** by going over the entire surface with a clean rag dipped in the primer.

Preparation of the product

Purtop Easy T is a one-component, ready-to-use product but it is recommended to mix it before use to make sure it is perfectly blended.

Application of the product

When **Purtop Easy T Primer** is dry, apply **Purtop Easy T**. The temperature of the substrate must be at least 3°C above dew-point and the level of residual moisture must be no higher than 4%.

Apply at least two even coats of **Purtop Easy T** with a roller or trowel to form a total thickness of around 1 mm.

Purtop Easy T may also be applied by airless spray but must be diluted with 5% of **Thinner PU**.

Purtop Easy T has a smooth finish. To obtain a finish with a non-slip effect, apply two coats of **Purtop Easy T** and leave them to dry. Then, when the second coat is dry, lightly broadcast the surface with **Quartz 0.25** and apply a thin coat of **Purtop Easy T** with a roller, making sure to criss-cross the roller strokes so that the quartz sand is distributed evenly.

CLEANING TOOLS

It is recommended to clean tools with water before the product starts to set. Once hardened, cleaning is much more difficult and must be carried out mechanically.

CONSUMPTION

1 kg/m² corresponds to a coat around 1 mm thick.

In general, the consumption rates below are for a seamless film on a flat surface and could be higher on uneven substrates.

PACKAGING

5 kg and 20 kg drums.

STORAGE

Purtop Easy T may be stored for 12 months in its original packaging in a dry, covered area at a temperature of between +5°C and +35°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Purtop Easy T is inflammable. It is recommended to store the product away from naked flames and sparks, to avoid smoking, to prevent the build-up of electrostatic energy and to work in well ventilated areas.

It also irritates the eyes, skin and respiratory system and may cause sensitisation to those sensitive to isocyanates if it comes into contact with the skin.

During use wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin wash immediately with plenty of water and seek medical advice. It is recommended to work in well ventilated areas. If there is insufficient ventilation, or if the user is exposed for too long to the product, wear suitable protection for the respiratory system.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

RESTRICTED TO PROFESSIONAL USERS.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid
Colour:	transparent
Density (g/cm ³):	1.03
Dry solids content (%):	80
Brookfield viscosity (mPa·s):	2,000 (rotor 4 - 50 RPM)

APPLICATION DATA

Application temperature:	+5°C to +35°C
Service temperature:	-20°C to +80°C
Waiting time between each coat at +23°C and 50% R.H. (h):	8-24
Ready for use at +23°C and 50% R.H. (days):	7

MECHANICAL CHARACTERISTICS

Elongation at failure (ISO 37) (%):	> 100
Tensile strength (ISO 37) (N/mm ²):	> 12
Shore A hardness (DIN 53505):	85

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

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

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