

PT REP Tape 100

- self adhesive, granular coated, highly elastic -

Product description

PT REP Tape 100 is a one side self adhesive tape. The tape consists of a highly flexible polymer film which is coated on both sides with special PSA adhesive. PT DS Tape has additionally on one side a granular coating of silicium dioxide, which leads to extremely high bonding to fresh poured concrete. The other side of tape is protected with a silicon foil, which has to be removed directly before application.

Area of application

PT REP Tape 100 is used for the waterproofing of exterior basement walls, foundations, tunnels, floor plates, etc. in combination with PT Membrane 1050 and PT Membrane Crystal 1200. The same product is suitable for vertical and horizontal areas.

Properties

- **Highly flexible**
- **Pressure sensitive adhesive**
- **Reinforced with polymer film**
- **Continuous thickness**
- **Increased surface structure**
- **Granular coated with silicium dioxide**
- **Watertight against pressurized water**
- **Chemical resistant**
- **UV-resistant for >30-60 days**
- **Highly crack-bridging**
- **High elongation**
- **Not harmful for groundwater**
- **German engineered**

Specification

Base	: flexible polymer film
Self adhesive coating (1.)	: pressure sensitive polymer resin
Active coating (2.)	: silicium dioxide, mineral based
Color	: white
Processing temperature	: > + 5°C to +40°C
Weight	: approx. 1000 g/sqm
Thickness	: approx. 1.0 mm
Length	: 20 m
Width	: 100 mm

All technical datas are measured in our laboraty.

Please take notice about the safety information and advice given on the safety data sheets and packaging labels.

Delivery form

PT REP Tape
20 m per roll
Width: 100 mm

Article-No. 14320100

Storage

12 months (cool and dry in the original package)

Application

Preparation of the surface

The surface must be dry, sound, even, stable and clean. The substrate to be coated should not have damages, gaps, joints or voids greater than 10 mm. To prevent movements of penetrations such as pipe penetrations for water and electricity during concrete and membrane installation, they have to be fixed and stabilized. Damaged concrete should be renovated with PT Thix Mortar or PT Epoxy Mortar UNI first. Sharp edges have to be removed first.

Material

Horizontal application

PT REP Tape 100 is only used in combination with PT Membrane systems for overlapping areas. Please see TDS of PT Membranes.

Application areas:



Remarks

The information given in this technical data sheet corresponds to the current state of development and is based on our experience, our knowledge and is non-binding. An investigation has to be done with focus on the respective building project and the area of application. The technical expert advice of proof-tec employees does not exclude the planning or control by an engineer. We are liable within the scope of our general delivery and sales conditions, we are not liable for the application of our materials. The generally accepted rules of technology must be observed. If necessary, preliminary tests have to be carried out.

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All previous versions of this technical data sheet are not valid anymore and should not be used anymore.