

Purtop Line

SPRAY-APPLIED POLYUREA WATERPROOFING MEMBRANES



Purtop Line



Spray-applied polyurea waterproofing membranes

The products in the **Purtop Range** are made from special polymers which, when combined together in various formulations, generate hybrid or solvent-free polyurea membranes. Membranes in the **Purtop Range** have excellent crack-bridging properties even at low temperatures (lower than -20°C), elongation of more than 350% after 7 days at 23°C (DIN 53504) and excellent resistance to mechanical stress.

The **Purtop Range** of high performance waterproof membranes remain permanently elastic in service, making them extremely versatile and suitable for a wide range of situations and conditions. Spray application allows for quick and accurate installation, guaranteeing a seamless, elastic waterproof layer with high levels of chemical resistance even when faced with uneven and /or irregular surfaces.

CHARACTERISTICS	MEMBRANE		
	Purtop 600	Purtop 400 M	Purtop 1000
Tensile strenght [N/mm ²]	7	14	25
Elongation at failure [%]	450	400	350
Tear strenght [N/mm]	33	55	96
A/B ratio (by weight)	100/72	100/106.8	100/103
A/B ratio (in volume)	100/68	100/100	100/100

When used in conjunction with the relevant primer, the membranes will adhere to most construction materials, a highly advantageous property, which is particularly important when application to structures comprising different materials with irregular shapes is required.

Purtop System is divided into three types according to their area of use:

- **Purtop System Roof**, specifically developed for flat roofs (for pedestrian traffic, inverted roofs and roof gardens), uses **Purtop 600** and **Purtop 400 M**;
- **Purtop System Deck**, specifically developed for flat roofs subjected to vehicular traffic, and for large infrastructures such as bridges and viaducts, uses **Purtop 400 M** and **Purtop 1000** membranes;
- **Purtop System Tank**, specifically developed for hydraulic engineering works, uses **Purtop 1000** membrane.

Purtop System Roof

Site applied **hybrid polyurea membrane** for **waterproofing flat roofs**



Purtop System Deck

Site applied **hybrid polyurea membrane** for **waterproofing infrastructures**



Purtop System Tank

Site applied **polyurea membrane** for **waterproofing general hydraulic works**



-  PRODUCTS FOR CERAMICS AND STONE MATERIALS
-  PRODUCTS FOR RESILIENT AND TEXTILE FLOORS AND WALLS
-  PRODUCTS FOR WOODEN FLOORING
-  PRODUCTS FOR CEMENTITIOUS AND RESIN FLOORING
-  PRODUCTS FOR ACOUSTIC INSULATION
-  PRODUCTS FOR BUILDING
-  ADMIXTURES FOR CONCRETE
-  PRODUCTS FOR STRUCTURAL STRENGTHENING
-  PRODUCTS FOR THE REPAIR OF MASONRY BUILDINGS
-  PRODUCTS FOR THERMAL INSULATION
-  PROTECTIVE AND DECORATIVE WALL COATINGS
-  PRODUCTS FOR WATERPROOFING
-  PRODUCTS FOR UNDERGROUND CONSTRUCTIONS
-  ELASTIC SEALANTS AND ADHESIVES
-  GRINDING AIDS FOR CEMENT

HEADQUARTERS

MAPEI SpA

Via Cafiero, 22 - 20158 Milan

Tel. +39-02-37673.1

Fax +39-02-37673.214

Internet: www.mapei.com

E-mail: mapei@mapei.it

