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.

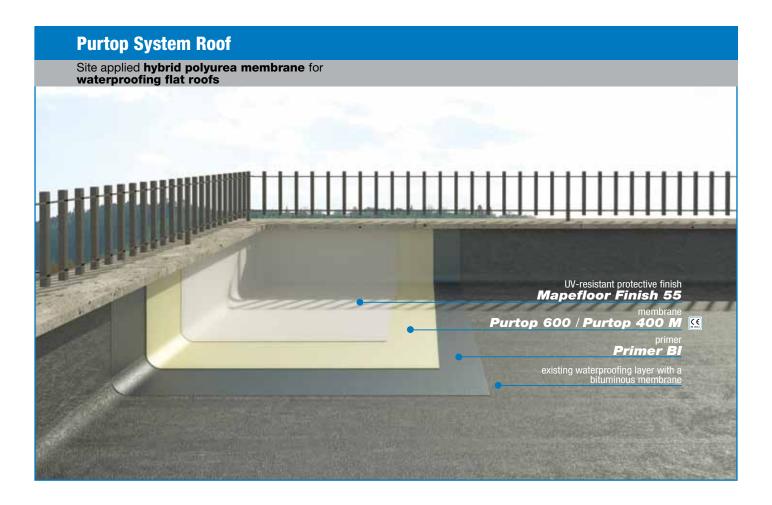
The **Purtop Range** of high performance waterproof membranes remain permanently elastic in service, making them extremely versatile and suitable for a wide range of situations and conditions. Spray application allows for quick and accurate installation, guaranteeing a seamless, elastic waterproof layer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

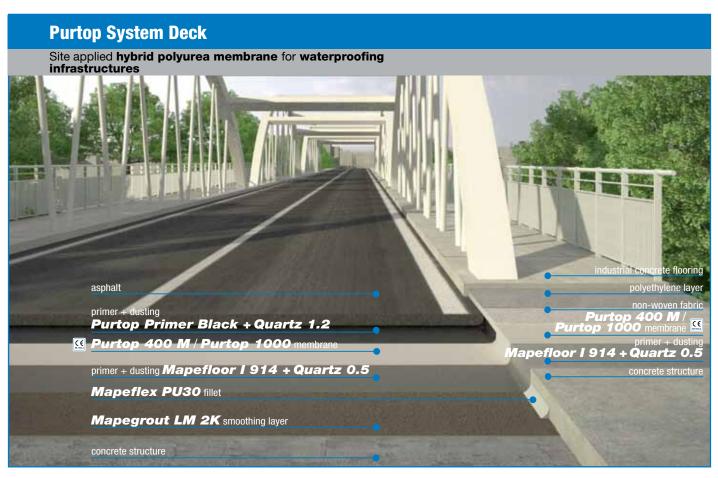
	MEMBRANE		
	Purtop 600	Purtop 400 M	Purtop 1000
≦ Tensile strenght [N/mm²]	7	14	25
Elongation at failure [%]	450	400	350
Tear strenght [N/mm]	33	55	96
A/B ratio (by weight)	100/72	100/106.8	100/103
A/B ratio (in volume)	100/68	100/100	100/100

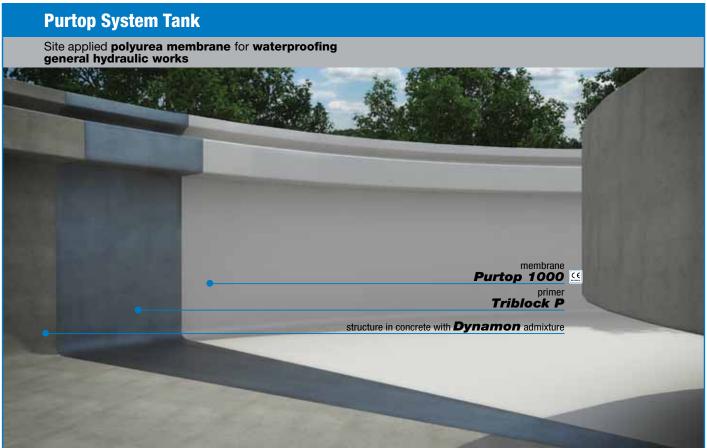
When used in conjunction with the relevant primer, the membranes will adhere to most construction materials, a highly advantageous property, which is particularly important when application to structures comprising different materials with irregular shapes is required.

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.









HEADQUARTERS MAPEI SpA Via Cafiero, 22 - 20158 Milan Tel. +39-02-37673.1 Fax +39-02-37673.214

Fax +39-02-3/6/3.214 Internet: www.mapei.com E-mail: mapei@mapei.it

