



Polygum Polyseal Tape

◆ Description:

Poly Seal membrane is a high quality bituminous SBS modified prefabricated membrane.

It's available with non-woven polyester and fiberglass tissue reinforcements.

Outer layer: Polyethylene film or mineral powders.

Inner layer: Polyethylene film.

◆ Advantages:

- Impermeable to water
- High flexibility
- High tensile strength
- Excellent resistant against tearing, cracking, impact and hydrostatic pressures
- Ability to maintain flexibility in cold conditions
- Dimensional stability while heated.
- Resistance against weathering and UV
- Excellent adhesion to steel and concrete substrates

◆ Main uses:

- Insulation of welding joints
- Sealing of expansion and construction joints
- Sealing of concrete pipe joints

◆ Physical properties:

Color	Black
Tensile strength at 25% Elongation (Kg/5cm)	In length > 40 In width > 31
Tensile strength at max Elongation (Kg/5cm)	In length > 53 In width > 37
Tear strength (Kg.f)	In length > 27.5 In width > 27
Water absorption	0.18 (Weight loss: 0.29)
Thickness	4±0.2 mm
Length	10±1 m
Width	50 cm
Weight per sqm	(4±0.2) Kg/m ²
Flexibility in cold conditions	-10 °c>
Heat stability	+110 °c<

◆ Application Guide Direction:

The membrane should be installed by means of a torch. Underneath of the membrane should be heated to a level that bitumen is melted superficially and the reinforcement layer is not disturbed.

Overlaps should be then reheated from the top and resealed with a trowel to ensure seam integrity.

- Storage Conditions:

Store standing in closed conditions in (5-35) °c.