



Since 1980

**PETRO SEAL
ENTERPRISES**

Technical Data **ELASTOGRIP PL 150**

SBS Self Adhesive Modified Bituminous Membrane



DESCRIPTION

ELASTOGRIP is a high quality self-adhesive waterproofing membrane, manufactured from bitumen, modified with elastomers SBS (Styrene Butadiene Styrene). The modified compound is coated on to

140-160gr/m² rot-proof, non woven polyester carrier, give the membrane ageing resistance, flexibility at low temperature and enhance the adhesive properties, makes more easier for application in confined space where torch application is difficult.

USES

ELASTOGRIP self adhesive membrane is used as a general purpose for waterproofing in kitchens, bathrooms, terrace, balconies and as damp proof course for concrete and walls, footings, structure, retaining walls, tunnels and manholes. It can also be used on pitched roof under clay tiles. It is widely used for wrapping precast and metals pipes for the protection from underground salts and sulphate.

STORAGE

Rolls should always be stored vertically in dry shaded area on smooth surface.

APPLICATION

All surface to receive ELASTOGRIP self adhesive membrane must be smooth, cleaned and dry. Prime the substrate with PETRO-PRIMER GRIP. Cut the membrane to the required size, align and roll the membrane as release film facing downward, peel off the release film and unroll the membrane simultaneously, pressing firmly by hand or rubber roller to fully bond on substrate without air pockets. The adjacent membrane will be applied with 3 inches side overlap and 4 inches end lap, all joints to be staggered.



CM/L-1452/2018



Technical Data

ELASTOGRIP PL 300

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PROPERTIES	TEST VALUES	TEST METHOD STANDARD
Roll Size (meter)	1 x 15	
Membrane Thickness (mm)	Mini. (1.5mm)	ASTM D 751
Mass Per Unit Area (g/m ²)	> 1700	EN 1849 -1
Upper Surface	Aluminum Foil	
Lower Surface	Siliconized Release Film	
Type of Coating Compound	SBS (Styrene Butadiene Styrene) Modified Bitumen	
Softening Point (°C)	> 110	ASTM D 36
Cold Flexibility at -20 °C To -25 °C	No Cracking	ASTM D 146, D 5147 & UEAtc
Reinforcement	Polyester	ASTM D 146 & UEAtc
Tensile Strength, N/5cm Longitudinal Transversal	> 650 > 550	ASTM D 5147, ASTM D 412 ASTM D 146
Elongation at Break, % Longitudinal Transversal	> 38 > 40	ASTM D 5147, ASTM D 412 ASTM D 146
Tear Resistance, N Longitudinal Transversal	> 240 > 270	ASTM D 1004, ASTM D 624 ASTM D 751 & ASTM D 5147
Heat Resistance to 100 °C	No Flow	ASTM D 5147
Hydrostatic Pressure (Bar/ Psi)	5 / 72	ASTM D 5385
Puncture Resistance (N)	> 400	ASTM D 5147 & UEAtc

IMPORTANT NOTES

- Our complete product range is full compliance with mentioned ASTM ISO 9001:2015 & OHSAS 45001:2018.
- We are only approved with PSQCA in polymer modified bituminous membrane.
- ASTM D 146 is used for felt base bitumen membrane.
- ASTM D 5147 is used for non-woven polyester carrier modified membrane.
- ASTM D 412 is used for rubber like flexible material.
- The above results obtain in the laboratory from our quality control are to the best of our knowledge.
- All reasonable care has taken in preparing this technical information.
- Due to our policy of continue R&D client requirement environmental, climate change technical data described herein can vary.
- According to the standards a variation of 10% is expected.