

Product Description

Insuwrap PVC LR-UV Waterproofing Membrane is a calendered high polymer waterproofing membrane, (thickness 1.50mm) reinforced with polyester mesh, Ultra Violet Resistant not compatible with bitumen, manufactured to the highest International standards offering high physical properties and long term durability. **Insuwrap PVC LR-UV** is manufactured using the best raw materials produced by SABIC.

Test	Standard & Requirements DIN 16735	Results, PVC LR-UV
Thickness (mm)		1.50
Mass (kg / m ²)		1.96
Tensile strength (N / mm ²)	Min. 8.0 N / mm ²	>15.0
Elongation at break	Min. 150%	>300%
Thermal stability (90°C-6hrs)	Change less than 1%	<0.1%
Tear strength (N)	80 N (Min)	>100N
Puncture resistance		Passed
Water vapour defusion resistance (u)	Less than 30,000	<22,000
Cold bend	No cracks at - 20°C	No cracks at - 30°C
Artificial weathering		Passed
Resistance to Algea & Rot		High Resistance

Insuwrap PVC L Waterproofing Membrane is a calendered high polymer waterproofing membrane, (thickness 1.50mm) not compatible with bitumen, manufactured to the highest International standards offering high physical properties and long term durability. **Insuwrap PVC L** is manufactured using the best raw materials produced by SABIC.

Test	DIN 16730 STANDARD Requirements	Results, PVC L
Thickness (mm)		1.50
Mass (kg / m ²)		1.96
Tensile strength (N / mm ²)	Min. 12 N / mm ²	>17
Elongation at break	Min. 200	>300%
Thermal stability (6hrs - 90°C)	Less than 2%	<0.7%
Tear strength (N)	Min 80 N	>95 N
Puncture resistance		Passed
Water vapour defusion resistance (u)	Less than 30,000	<21,000
Cold bend	No cracks at - 20°C	No cracks at - 30°C
Resistance to Algea & Rot		High Resistance
Fire class	DIN 4102	Pass (Class B2)
Roots Penetration		No Penetration