

- **UV Stable**
- **Mositure Tight Seal**
- **Air and Vapour Barrier**
- **Permanent Bond to Metal**

## Vulcanseal G-25 (Single Sided)

Adheres to Most Construction Surfaces

Carbon Steel, Galvanised Steel, Aluminium, Fibreglass, Gib Board, Polyethylene, Polypropylene, PVC, Polystyrene, Concrete, Masonry, Wood.

### Product Description

Vulcanseal G-25 Super Seal is composed of a tough, specially formulated multipolymer film "MAF" with a synthetic elastomeric adhesive. This adhesive is kept from permanently bonding to its backing (while in the roll) by a tough, easily removed polymer release liner which prevents contamination of the adhesive prior to its use.

### Basic Use

Liner and tarpaulin repair

Vulcanseal G-25 is suitable for repairs of holes and small tears in most materials including PVC, Polypropylene, HDPE, LDPE. G-25 is UV and water resistant.

### General repairs for most materials

G-25 will provide an instant and watertight seal on truck bodies, trailers, etc made from wood, fibreglass, steel, aluminium.

### Surface Preparation

Surface must be clean and dry; free from loose rust, dust, dirt, oil, grease and other contaminants. Use a solvent or other cleaner if necessary.

### Tape Application

Vulcanseal G-25 Super Seal is applied by removing the release liner and pressing the adhesive to the clean and dry joint area. Tension in wrapping should be enough to obtain conformability to the surface being coated.

When using Vulcanseal G-25 to seal membrane liners a rubber roller should be used. See additional instructions under "Concrete Underlay Installation" in the Permathene Geomembrane catalogue.

Property	Value	Standards: AWWA C-209
Peel Adhesion	9 kg/ 25 mm width	Test Methods: ASTM D-522.93, ASTM G-22, ASTM D-1000
Low Temperature Flex	Excellent	
Bacteria Resistance	Excellent	
Thickness	0.65 mm	Packaging: 48 mm x 30.48 m x 12 rolls per ctn 96 mm x 30.48 m x 6 rolls per ctn 150 mm x 30.48 m x 4 rolls per ctn
Tensile	31 N/ mm <sup>2</sup>	
Elongation	700 %	
Colour	Grey	Weight per ctn: 14.5 kg



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## Vulcanseal H-35, H-50 (single sided)

Cold applied above and below ground coating in tape form.

### Product Description

Vulcanseal H-35 is composed of a grey specially formulated multi-polymer alloy film "MAF" with a synthetic elastomer adhesive. Blended within the adhesive is an "integrated primer". This primer is kept from permanently bonding to its backing (while in roll form) by a tough, easily removed polymer release liner which prevents contamination of the primer prior to its use.

Resistant to UV, thermal expansion, impact, abrasion and can be applied over a wide range of ambient temperatures.

### Basic Use

Vulcanseal H-35 and H-50 are heavier versions of the G-25. Both have much thicker layers of adhesive for rougher surfaces such as concrete footings. G-25, H-35 and H-50 are all designed for long term above and below ground use and will give many years of service even under direct sunlight. Because of its strong film backing, these products can be tightly pulled and wound around objects and irregular shaped fittings with minimal pull back due to its memory.

### Surface Preparation

Surface must be clean and dry; free from loose rust, dust, dirt, oil, grease and other contaminants. Use a solvent or other cleaner if necessary. Blast cleaning is also acceptable.

### Tape Application

Vulcanseal H-35/ H-50 is applied by removing the release liner and pressing the adhesive to the clean and dry joint area. Tension in wrapping should be enough to obtain conformability to the surface being coated.

When using Vulcanseal H-35/ H-50 to seal membrane liners a rubber roller should be used. See additional instructions under "Concrete Underlay Installation" in the Permathene Geomembrane catalogue.

Property	Value	Standards: AWWA C-209 Test Methods: ASTM D-1737, ASTM G-22, ASTM D-1000, ASTM G-8
Peel Adhesion	9 kg/ 25 mm width	Packaging H-35: 48 mm x 22.9 m x 12 rolls per ctn 96 mm x 22.9 m x 6 rolls per ctn 150 mm x 22.9 m x 4 rolls per ctn  Packaging H-50: 48 mm x 15.3 m x 12 rolls per ctn 96 mm x 15.3 m x 6 rolls per ctn 150 mm x 15.3 m x 4 rolls per ctn
Low Temperature Flex	Excellent	
Bacteria Resistance	Excellent	
Thickness	0.9 mm	
Colour	Grey	



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## Vulcanseal MS-60 (double sided)

Vulcanseal MS-60 (Moldable Sealant)  
Water Tight, conformable coating for protection of irregular surfaces

### Product Description

Moldable Sealant is a 100% solids formulation of thermoplastic elastomeric and synthetic resins. Blended in this adhesive is an "integrated primer"

### Basic Use

As a **non-UV stable** product, Moldable Sealant is not suitable for applications in direct sunlight. It is primarily used in any situation where a water tight seal over irregular surfaces might be encountered. As a double stick tape, Moldable Sealant is suitable to seal concrete underlay and gas proof membranes to concrete footings and other surfaces. Moldable Sealant is excellent for sealing membranes around protrusions such as columns and steel rods.

### Application

**Priming:** Because Moldable Sealant comes with its own integrated primer built into the adhesive, liquid primer may not be required. Primer can be used prior to application of tape to assist in removing dirt and moisture from surfaces such as concrete footings and wood, etc. A polyurethane or other approved liquid sealant is applied and allowed to cure prior to taping in critical applications including sealing gas and waterproof membranes to concrete.

**Tape Application:** Note- This should be done in cool conditions where possible. Do not allow the tape to be stored under direct sunlight or near heat as the product will stick together. Remove the release liner on one side of the Moldable Sealant and apply to the surface to be protected. Remove the remaining liner and use it as an aid in moulding the sealant until all voids and crevasses have been filled. Liner may then be used as an overwrap for additional mechanical protection.

Property	Value	Standards: AWWA C-209
Adhesion	5 kg/ 25 mm width	Test Methods: ASTM D-1737, ASTM G-22, ASTM D-1000, ASTM G-8
Flexibility	No cracking (- 28 C)	
Service Temperature	- 35 C to 49 C	Packaging MS-60:
Application Temperature	Above - 23 C	48 mm x 15.3 m x 12 rolls per ctn
Dielectric Strength	Exceeds 12 kV	96 mm x 15.3 m x 6 rolls per ctn
Cathodic disbonding	Pass (ASTM G-8)	150 mm x 15.3 m x 4 rolls per ctn
Insulation Resistance	10 6 megaohms	
Water Absorption	less than 0.5 %	
Colour	Grey	



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## Vulcanseal 609

(double sided)

Polyisobutylene tape for sealing of membranes for waterproofing.

### Product Description

Vulcanseal 609 is a black, polyisobutylene, moisture and vapour resistant, double sided, pressure sensitive adhesive. It is made of isobutylene-isoprene rubber with a non-stretching integrated rayon scrim (woven cellulose acetate yarn) reinforcement backed with a silicon coated paper release medium. The tape is non-toxic, non-corrosive, and resistant to UV and a range of chemicals. Vulcanseal 609 is UV resistant. When used in approved applications, the product is not known to degrade.

### Basic Use

Vulcanseal adhesive is for sealing and joining of impervious membranes such as polyethylene, polypropylene and PVC. It may be used for bonding membranes to approved substrates. Vulcanseal adhesive fills cracks in composite type roofing and metal materials such as pipes, gutters, water tanks, skylights and domes.

### Application

Vulcanseal 609 is applied by removing the release liner and pressing the adhesive to the clean and dry joint area. Tension in wrapping should be enough to obtain conformability to the surface being coated.

When using Vulcanseal 609 to seal membrane liners a rubber roller should be used. See additional instructions under "Concrete Underlay Installation" in the Permathene Geomembrane catalogue.

Property	Value	Packaging 609: 24 mm x 15 m 48 mm x 15 m
Adhesion	50 N/ 25 mm	
Adhesion to Polyethylene	53 N/ 25 mm	
Adhesion to Steel	53 N/ 25 mm	
Tensile Strength	76 N/ 25 mm	
Thickness	1.0 mm	
Service Temperature	- 30 C to 120 C	
Colour	Black	

