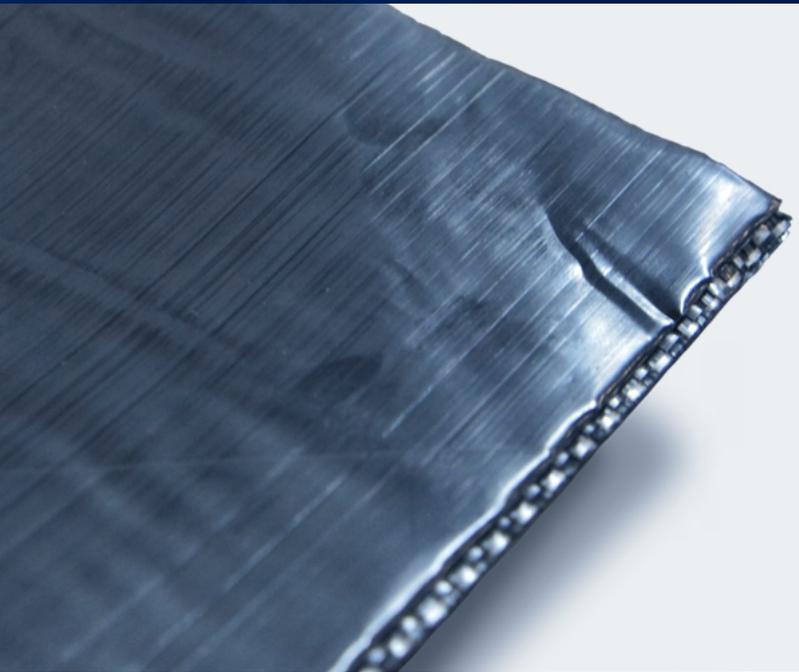




SealWrap

for sealing joints of concrete structures

CONCRETE INFRASTRUCTURE



MarMac's SealWrap is a high performance waterproofing membrane used for sealing the joints of precast concrete structures. The product is composed of three separate elements: a proprietary, bitumen-derived mastic; a durable polyethylene backing; and an internal reinforcement layer of puncture and tear-resistant, woven polypropylene. These elements are cross bond laminated during production to create an inseparable, multi-layer wrap. SealWrap is not appropriate for use over expansion joints or joints that move.

SealWrap comes in easy-to-transport rolls available in multiple widths, and is also available as a complete repair kit or in Manhole Wrap Packs.

Features & Benefits

- Aggressive tack & initial adhesion
- Continuous adhesion after backfill
- Puncture & tear resistant
- Infiltration & exfiltration resistant
- Resistant to drying, oxidation & hardening
- Primer not typically needed
- Economical & effective
- Available in a range of sizes





SealWrap data sheet

Applications

- Reinforced concrete pipe
- Manholes
- Burial vaults
- Arches
- Box culverts
- Detention & retention systems
- Tornado shelters
- Spans

Availability

- Roll width: 6, 9, 12, 16, 20, 28"
- Thickness: 3mm
- Manhole Wrap Pack
- Roll length: 60'
- SealWrap Repair Kit

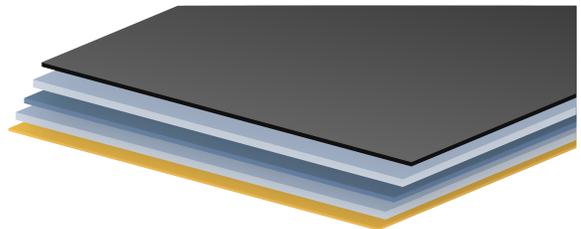
WIDTH	LENGTH	THICKNESS
6"	60'	3mm (120 mils)
9"	60'	3mm (120 mils)
12"	60'	3mm (120 mils)
16"	60'	3mm (120 mils)
20"	60'	3mm (120 mils)
28"	60'	3mm (120 mils)

Specifications

SealWrap meets or exceeds all requirements of ASTM C 877, with the exception of Type III scope only covering butyl-based mastics and does not set material specs for bitumen-based mastics. MarMac's mastic exceeds the material specs set forth in C 877, Type II which addresses the standard for rubberized asphaltic mastic.

Parts of ASTM C 990 are commonly referenced for exterior wraps. SealWrap meets the physical requirements for Bitumen Sealants with the exception of the softening point. MarMac's mastic softening point is, by design, much lower (175°F) than the specified 320°F. Our material is designed for limited and controlled softening at any temperature above 40°F to achieve a unique initial tack strength and so the material continuously bonds with the concrete's porous surfaces.

-  Polyethylene Backer
-  Woven Polypropylene
-  Rubberized Mastic
-  Release Film





SealWrap data sheet

TYPICAL PROPERTIES	MIN	MAX
RUBBERIZED MASTIC		
Ash-inert matter	8.0%	15.0%
Volitiles	0.1%	2.0%
Softening temp	175 °F	
Specific gravity	0.95	1.05
Penetration	60 dmm	90 dmm
Flow	10 mm	10 mm
POLYETHYLENE BACKING		
Tensile strength	4000 psi	
Elongation at break	100%	
Tear resistance	1500 psi	
Water absorption		0.01%
REINFORCING MESH ELEMENT		
Tensile strength warp	75 lb/in	
Tensile strength fill	75 lb/in	
Elongation at break warp	20 lb/in	
Elongation at break fill	20 lb/in	

Storage

SealWrap should be stored in its original packaging, out of direct sunlight, protected from the elements. Material should be kept away from direct heat, sparks and open flame. For optimum results, SealWrap should be stored in a tepid (60-80°F) environment prior to installation.

Installation

The surface of the structure to be sealed should be clean of dirt and debris. The surface should be as dry as possible in field conditions. Specified width of wrap shall be placed against the structure, mastic side to the structure, spanning the joint to be sealed. The protective release film shall be removed from the edge of the wrap and be applied to the structure wall centering the joint gap. Continue to remove the release film as the wrap is applied in full circumference, while keeping hand tension to prevent wrinkling, ensuring adhesion and alignment. The wrap should overlap itself a minimum of half of the SealWrap's width with the overlap at the top of the pipe in an accessible position. Hand press the overlapped edges to ensure a seal.



SealWrap data sheet

SealWrap Repair Kit

MarMac's SealWrap comes in a convenient, preassembled kit with everything needed to repair and/or prevent inflow or infiltration into the joints of gravity flow pipe systems or precast concrete structures. SealWrap Repair Kit includes:

- MarMac SealWrap
- Stainless Steel Compression Bands (5/8" x 150')
- 5/8" Seals ¹
- Strap SealingTool

¹ Tensioning ratchets can be supplied for no-tool installation.



Availability

- Kit sizes: 6, 9, 12, 16, 20, 28"

REPAIR KIT WIDTH	LENGTH	THICKNESS
6"	60'	3mm (120 mils)
9"	60'	3mm (120 mils)
12"	60'	3mm (120 mils)
16"	60'	3mm (120 mils)
20"	60'	3mm (120 mils)
28"	60'	3mm (120 mils)

Manhole Wrap Pack

MarMac's Manhole Wrap Packs are preassembled kits containing everything needed for sealing multiple manhole joints. Manhole Wrap Packs include:

- 6" wide rolls of cut-to-length SealWrap
- One can of general purpose Camie® 343 Spray Adhesive

Availability

- 48" Manhole Wrap Pack
- 60" Manhole Wrap Pack
- 72" Manhole Wrap Pack





SealWrap data sheet

WRAP PACK SIZE	WIDTH	ROLL COUNT
48"	6"	6
60"	6"	5
72"	6"	4

For more information, additional instructions, or questions regarding SealWrap, visit marmac.com/SealWrap or scan the QR code on the first page.

CAUTION: Prior to use, please read the Manufacturer Warranty & Disclaimer found at marmac.com/cp/disclaimer.

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