



**MAXLIFE**  
INDUSTRIES  
INNOVATING THE  
BUILDING ENCLOSURE™

# ArmorSeal™ Sealant

## PRODUCT DESCRIPTION

ArmorSeal™ Sealant is a moisture cured polyether sealant. The gunnable grade is primarily utilized at panel edges, seams, and fastener heads to complete the water resistant and flashing layer within ArmorWall systems while the brush grade best used for window sill application and flashings. Follow MaxLife's specifications for coverage rates and application requirements.

## PRODUCT ADVANTAGES

ArmorSeal Sealant is a highly elastic moisture curing sealant with a unique chemistry. It allows for +/- 50% joint movement. Applied, it will not stain stone substrates and has no out-gassing on green concrete. It protects against UV induced discoloration and is paintable within twenty-four hours.

## PRODUCT APPLICATION

Using alcohol, remove all surface contaminants and let dry. Do not use petroleum solvents. Cured Sealant can be removed via scraping. For best gunnability and tooling maintain Sealant at room temperatures. Apply sealant to a test surface to assess for adequate adhesion. Gun sealant with a smooth and continuous bead. Tool to ensure seal within fifteen minutes of application.

## PERFORMANCE STANDARDS

- ASTM C920, Type S, Grade NS, Class 50, Uses NT, T, M, G, A & O
- Federal Specification TT-S-00230-C Type II, Class A
- Corps of Engineers CRD-C-541, Type II, Class A
- Canadian Standards Board CAN 19, 13-M82
- SWR Institute Validated (Sealant Waterproofing and Restoration)
- AAMA 802.3-08 Type II, AAMA 803.3-08 Type I, and AAMA 805.2-08 Group C

## GREEN STANDARDS

- LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) **1 Point**
- NAHB Model Green Home Building Guidelines: **5 Global Impact Points**
- VOC Content: less than 19 grams/liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)

## REGULATORY COMPLIANCE

- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

## PRODUCT LIMITATIONS

For application consult in dealing with temperatures below 32°F (0°C) please contact customer services. Do not use below grade. For these application see ArmorWall BG Sealant. Do not use on fire retardant lumber and allow treated wood to cure for six months prior to application.

## STORAGE AND HANDLING

Avoid prolonged contact with skin. Uncured sealant may cause eye irritation. Direct eye contact with the sealant should be immediately flushed with water and a physician should be notified. Please refer to the Safety Data Sheet for first aid information. Keep out of reach of children. Controlled conditions, 70°F (21°C) with 50% relative humidity, results in twelve month shelf life. High temperatures and relative humidity may reduce shelf life.

SEALANT PACKAGING AND CHARACTERISTICS	
Gunnable Sealant	
Size	20oz (591 ml) tube
Color	Black
Typical Application	Seams and Fasteners
Brush Grade Sealant	
Size	2gal (7.5 L) bucket
Color	Gray
Typical Application	Window Sills and Flashings



### Explore our other ArmorWall System Components:

ArmorWall Return

ArmorWall Board

ArmorWall Screw

ArmorWall Attachment Screw

ArmorSeal VP

ArmorSeal NP

ArmorSeal Mesh Reinforcement

ArmorWall BG Trowel Flash

ArmorWall BG Trowel Reinforcement

ArmorWall BG Sealant

PHYSICAL PROPERTIES		
Property	Result	Test Method
Gun Grade	Zero Slump	-
Viscosity	750,000 cp +/- 150,000 cp	Brookfield RVF TF Spindle, 4 RPM, 73°F (23°C)
Density	11.0 +/- 0.2 lbs per gallon	ASTM D1475
Tack Free Time	40 min	45 +/- 5% R.H.
Elongation at Break	700%	ASTM D412
Peel Strength	30 pli	ASTM C794
Tensile Strength	200 psi	ASTM D412
Hardness Shore A	23	ASTM C661
Lap Shear Strength	175 psi	ASTM D1002
Low Temperature Flex	Pass -10°F (-23°C) 1/4" mandrel	ASTM D816
Shrinkage	No visible shrinkage after 14 days	-
Service Temperature	-40°F to 200°F (-40°C to 90°C) <sup>1</sup>	-

<sup>1</sup> Contact MaxLife Customer Services prior to applications below 32°F (0°C)

TYPICAL JOINT APPLICATION SIZES	
Joint Width inches (mm)	Joint Depth inches (mm)
1/4-1/2 (6-13)	1/4 (6)
1/2-3/4 (13-19)	1/4-3/8 (6-10)
3/4-1 (19-25)	3/8-1/2 (10-13)
1-2 (25-50)	1/2 (13)



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For specific inquiries regarding installation please contact MaxLife Industries Customer Services.

Company Address | 4995 South Main Street, Salisbury, North Carolina 28147  
 Website Address | [www.maxlifeindustries.com](http://www.maxlifeindustries.com)  
 Toll Free Number | 1-844-MAX4YOU (1-844-629-4968)  
 Customer Service Email | [cs@maxlifeindustries.com](mailto:cs@maxlifeindustries.com)