



## Joint Preparation

Joint surfaces should be clean, dry and free from all contamination including: dirt, oils, grease, tar, wax, rust and any other substance that may inhibit the sealant's performance.

## Joint Design

Install all joint applications per ASTM and SWRI recommendations and guidelines. Joints shall be designed with a depth to width ratio of 1:2 (joint depth one-half the width). Control the depth of the sealant by using a polyethylene backer rod that is 25% larger than the joint opening at standard temperature. To prevent three-point adhesion use a backer rod or bond breaker tape to ensure proper joint movement and a long lasting weatherproof seal. Where the joint configuration will not permit a backer rod, CHEM LINK recommends that an alternative bond breaker be used.

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)

CHEM LINK recommends an appropriate substrate primer to be used on high moving joints or dissimilar substrates which require increased adhesion properties.

Basic Uses
Expansion Joints
Pool Coping Joints
Masonry Pavers
Block and Masonry Repair
Walkways
Driveways
Patios
Decks - Concrete

Typical Uncured Properties		
Gun Grade	Self-Leveling	ASTM 679
Viscosity	30,000 cp +/- 15,000 cp	Brookfield RVF TC Spindle, 4 RPM, 73°F (23°C)
Density	8.6 +/- 0.2 lbs per gallon	ASTM D1475
Tack Free Time	30 +/- 15 min	45 +/- 5 % R.H.
Elongation at Break	350%	ASTM D412
Hardness Shore A	15	ASTM C661
Tensile Strength	120 psi	ASTM D412
Shear Strength	147 psi	ASTM D1002
Low temp. flex	Pass -10°F (-23°C) 1/4 inch mandrel	ASTM D816
Shrinkage	No visible shrinkage after 14 days	
Service Temperature	-40°F to 200°F (-40°C to 93°C)	

Compatible Substrates*
Concrete
Block and Brick
Stone
Masonry
Aged Asphalt
Wood
Aluminum and Galvanized Metal

\*Test and evaluate to ensure adequate adhesion.





**NOTES:**



**Contractor Hot Line**

**800-826-1681**

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All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit [www.chemlink.com](http://www.chemlink.com) for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

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