

# Everlastic®

## MASONRY ACCESSORIES

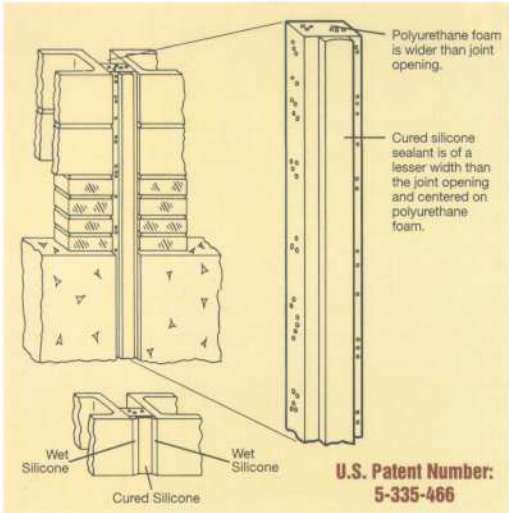
04082/WIL  
BuyLine 7771



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## Finally! A WIDE JOINT SEAL that really works...and lasts.



**Description:** Everlastic Wide Joint Seal is a factory cured strip of silicone sealant adhered to rectangular polyurethane backer. The polyurethane backer is wider than the joint opening.

**Basic Use:** Everlastic Wide Joint Seal is designed for sealing in vertical expansion joints and horizontal non-traffic joints. It forms a durable, flexible weather-resistance silicone rubber when exposed to atmospheric moisture.

**Installation:** 6' Material is compressed and recessed 1/4" into joint opening. A wet silicone sealant is caulked into reveals. Material can be butted to bond lengths required (see instructions). Clean all joints prior to installing seal from loose particles, dust, foreign matter, grease, frost, water, etc.

**Size Requirement:** Contact Williams Products Engineering Department for size applicable for your needs.

**Color:** Available in standard silicone colors. **Maintenance:** None should be required.

## PREMOLDED JOINT FILLERS, SEALS, AND GASKETS

Sample	Description	Everlastic® Application Examples	25% Compress. Deflection (P.S.I.)	Available Thickness (Inches)	Temp. Resistance F°	Compatible Backup For Sealants	Recommended Application†	Density (P.C.F.)	Compress. Set 50%	Water Absorption	Flammability
	<b>WILLIAMS NEOPRENE TYPE NN1, 1040 Series</b> Closed cell expanded neoprene, Black, oil and solvent resistant, good ozone & weathering ASTM D-1056 Grade: RE41, SCE41, 2A1, and 2C1 Types NN2 and NN3 available for increased stiffness	 5/8" NNI Sealing Precast & Prefab Wall Panels Precast 1/2"	NN1 2 to 5 NN2 5 to 9 NN3 9 to 13	1/16 1 1/4 1/8 1 1/2 1/4 1 3/4 3/8 2** 1/2 5/8 3/4 1	40 to 158	All *4	A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U	12 to 35	15% - 25%	5% Max.	Burn Resistance *3
	<b>WILLIAMS 1056 JOINT FILLER*</b> Closed cell expanded rubber, Black ASTM D-1056 Grade: RE41, SCE41, 2A1, 2B1, and 2C1 *1056 FR Fire & Smoke Rated ASTM D-84	 1/4" Williams 1056 Joint Filler	2 to 5	1/4 3/8 1/2 3/4 1**	40 to 220	All *4	A, B, C, D, E, F, G, H, J, K, M, N, P, Q	4 to 5	15% - 25%	5% Max.	Flammable
	<b>WILLIAMS VINYL "U" GASKET, 1000 Series</b> Closed cell expanded polyvinyl chloride, Off White ASTM D-1056, 1667 Grade: RE41, SBE41, SCE41, VE41, 2A1, 2B1, and 2C1	 1/2" Vinyl "U" Isolating Steel & Masonry Block Neo-Seal® IV - R Brick	1.5 to 3.0	1/4 3/8 1/2 3/4 1**	20 to 160	All	A, B, C, D, F, G, J, K, M, Q	3.5 to 5.0	15% - 25%	5% Max.	Burn Resistance *3
	<b>WILLIAMS EXPAND-O-FOAM, 1380 Series</b> Closed cell expanded polyethylene, White/Gray ASTM D-1056 Modified ASTM D-3575	 1/2" Expand-O-Foam backing up sealant Sealant 3/8"	6 to 13	1/8 1 1/4 1/4 1 1/2 3/8 1 3/4 1/2 2** 5/8 3/4 1	20 to 160	All	B, G, H, L, M	1.8 to 2.8	15% - 25%	5% Max.	Flammable
	<b>WILLIAMS DYNASHIELD CERAMIC FIBER</b> ASTM E-84 ASTM E-119 Mil. spec. 1-23128A, Grade: A & B	 Sealant Backer rod Ceramic fiber Fireside	NA	1/4 1/2 1	65 to 2300	All	G, M, P	6 to 8	NA	High	Non Combustible

\*1 Not to be considered specifications—typical values only. All ASTM numbers refer to current issue.

\*2 AASHTO Bearing Pad Grades and all elastomers ranging from natural to silicones also available.

\*3 Burn resistance—Meets requirements of Federal MVS Standard for Flammability \*Propagates flame at less than 4"/minute

\*4 Test sample before using with light colored silicones.

\*\*Greater thickness available in laminated material.

### Specialty Materials

Micro-Cellular Polyethylene  
Econ-O-Foam P.E. Joint Fillers  
Eva-Cellular Ethylene Vinyl Acetate  
Silicone Sponge

### LEGEND of APPLICATIONS

A Block or partitions abutting steel, concrete structural columns or masonry pilasters  
B Isolating steel and concrete structural members from masonry  
C Control joint seals and expansion gaskets  
D Tilt-up wall panel seal

E Seal metal against masonry  
F Sill and coping stone gaskets  
G Sealing joints in precast and prefab wall panels  
H Concrete expansion joint filler  
J Sound deadener for metal lockers

K Door seals—gasketing seals—padding  
L Roof expansion joint  
M Sealant back-up  
N Sealant back-up for side-walks, patios and walkways  
O Vibration-damping mounts, pads and linings

P Dust seal  
Q Die-cut parts  
R Concrete floor slabs and walls  
S Abutting structures  
T Exposure to sunlight  
U Corrugated closure strip



# MASONRY CONTROL JOINTS

## APPLICATION

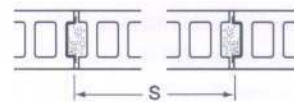
Williams Masonry Control Materials are designed to prevent destructive cracking in masonry (from temperature and drying shrinkage, differential movement of structural members and surrounding masonry, settling of foundations, etc). While stress relieving masonry, Williams materials also seal out moisture and cold air at a reasonable price.

## Control Joint Spacing

In addition to crack-control joint locations, control joints should be placed at all other points of stress concentration, such as:

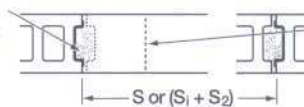
1. Changes in wall height.
2. Changes in wall thickness.
3. Changes required for piping or other installations.

For control joints requiring and not requiring lateral stability.



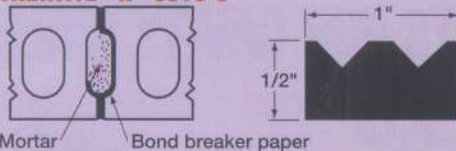
Height of Wall Unbraced Laterally	Continuous Wall S (feet)	At Wall Corners $S_1 + S_2$ (feet)
To & Incl. 13'4"	20-max.	20-max.
Above 13'4"	1.5 times the unbraced height	1.5 times the unbraced height

The vertical side of the wall opening functions as a Control Joint between the Bearing Area of the Lintel and that of the sill below.



Joint Construction continued above the Lintel should be located at the Head Joint of the Unrestrained End.

### WEATHERTITE "R" 0318-3

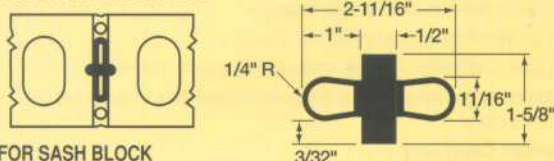


FOR STRETCHER OR LINE BLOCK (Michigan Control Joints)

A specially shaped, non-absorbent, expanded rubber strip seal. Weatherite "R" provides multiple, continuous, pressure sealing surfaces. This closed cell material is impervious to water and possesses high acoustical and insulating properties.

Polymer: Neoprene grade ASTM D-1056, grades RE41, SCE41 and 2C1.

### BLOCK SEAL 2018-3

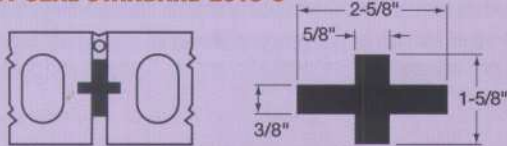


FOR SASH BLOCK

Hollow wings are easily compressed to provide pressure seals on each side of keyway in addition to shear control. Manufactured of high grade synthetic rubber compounds.

Polymer: Blended EPDM/SBR/CR, ASTM D-2000, 3BA810-80 Shore A Hardness, 1000 PSI tensile. Exceeds material standards of 2AA805 (80 hardness-500 PSI tensile)

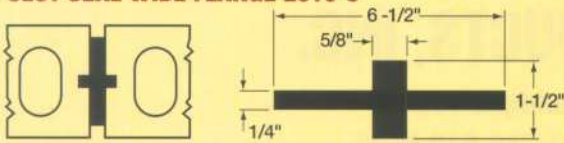
### SLOT SEAL STANDARD 2015-3



A control joint to provide shear control and vertical control for expansion/contraction of masonry walls. Manufactured of high grade synthetic rubber compounds.

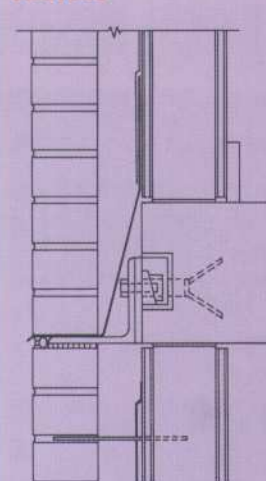
Polymer: Blended EPDM/SBR/CR, ASTM D-2000, 3BA810-80 Shore A Hardness, 1000 PSI tensile. Exceeds material standards of 2AA805 (80 hardness-500 PSI tensile)

### SLOT SEAL WIDE FLANGE 2016-3



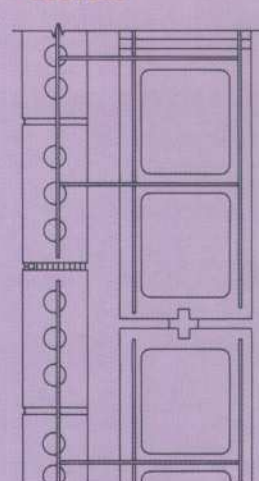
Same as slot seal standard but with longer flanges.

### SAS1040



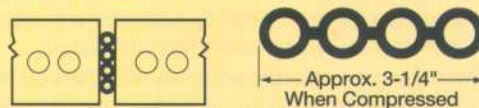
1/4" x 2-3/4" x 25', Closed Cell Neoprene Sponge, Shelf Angle Seal, Per ASTM D1056. Grades RE41, SCE41, 2A1 and 2C1. Pressure sensitive adhesive applied 1 side.

### EJS1040



3/8" x 3" x 25', Closed Cell Neoprene Sponge, Vertical Expansion Seal, Per ASTM D1056. Grades RE41, SCE41, 2A1 and 2C1.

### NEO-SEAL IV 2218-3

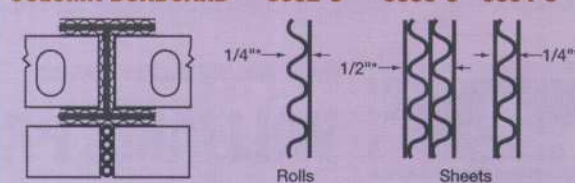


FOR FACE BRICK

An extrusion of four connected closed-cell neoprene sponge rubber tubes, it is highly compressible and allows liberal tolerances.

Polymer: Neoprene rubber, ASTM D-1056, grades RE41, SCE41 and 2C1.

### COLUMN BOXBOARD 5002-3 5008-3 5004-3



FOR STRUCTURAL SEPARATION

A coated cellulose product. It should be used wherever separation of masonry units and structural frame is required, COLUMN BOXBOARD can be factory scored or scored in the field for bending or breaking to fit any column shape.

\*Nominal

MASONRY CONTROL JOINTS



## EVERLASTIC® MF-40 SELF-STICK, MASONRY FLASHING

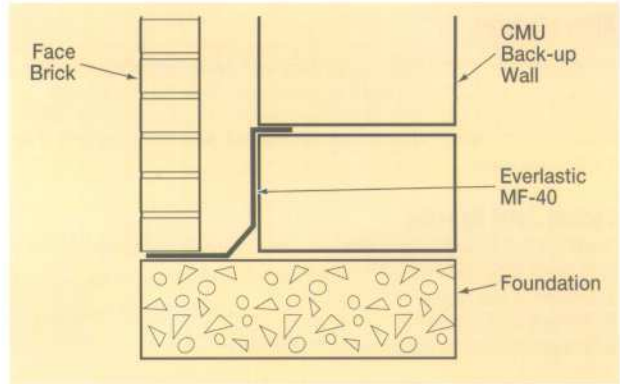
**Use:** Concealed masonry flashing.

**Description:** Self-stick, composite membrane.

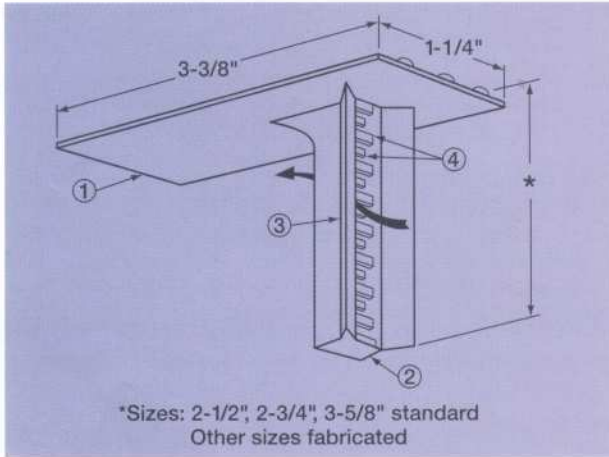
**Features:** Simple installation and fabrication of end dams and corners.

**Composition:** 32 mils of rubberized asphalt bonded to 8 mil polyethylene film.

**Limitations:** Not appropriate for Ultra Violet exposure, surfaces may require priming.



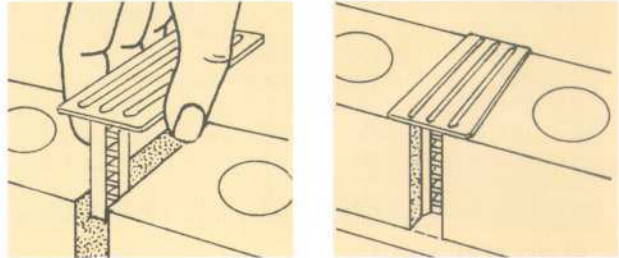
## WILLIAMS GOODCO BRICK VENTS FOR CAVITY WALLS



The Williams-Goodco brick vent is injection moulded from flexible polyvinyl chloride in an offset "T" shape. The vertical leg, which is lotted to allow air but not water passage, is inserted in the vertical mortar joint between two bricks. In cavity wall construction brick vents allow air pressure equalization.

Water penetration into a wall results when openings exist in the form of cracks, joints, surface pores or inadequately bonded interfaces.

When rain contacts an exterior surface water may enter these openings through the following actions: Momentum of raindrops, capillary action, gravity, and air currents.



- ① Top-flap—keep mortar out of air passage.
- ② Flexible Wings—adjust to widths 5/16"–3/4".
- ③ Louvers—allows air passage while creating a water barrier.
- ④ Water ridges—barriers which directs wind blown the rain down and out of the cavity.

**Standard Color:** Gray

**Custom Colored:** To match brick and mortar

A force that creates much of the water penetration through the wall is not the driving wind and rain but the suction created within the air cavity by lower interior air pressure. This force can be controlled by introducing opening in sufficient frequency and size to allow almost immediate pressure equalization. Since winds gust rather than create steady pressure a continuous exchange of air must take place. Small tubes and wicks have generally proved inadequate because they clog quickly.

Brick vents also act as weepers and should be aligned directly above through-wall flashing. Standard color is gray. Samples and data sent on request.

**PIONEERING:** Williams Products continues pioneering of new products, materials, and methods.

**CUSTOMIZING:** Williams Products has the capabilities to fabricate and manufacture custom products for specialized problem applications.

**EQUALIZING:** Williams Products can furnish equal or better than competitive products.



For further information contact:

### WILLIAMS PRODUCTS, INC.

1750 Maplelawn Blvd. Troy, Michigan 48084

TOLL FREE: 1-800-521-9594 or 1-248-643-6400

FAX: 1-248-643-7117



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