

## DATA SHEET

### Product Description

Willseal® Coreseal V is a lightweight, preformed closed-cell ethylene vinyl acetate (EVA) copolymer foam with a pre-cured, factory-applied sealant. It is designed to provide a watertight, dust-proof, airtight, noise-reducing, thermally insulating and UV stable primary seal that does not require invasive anchoring for installation.

### Basic Uses

Typically used as an external joint sealant, Willseal Color Coreseal V is engineered to perform as a primary sealant in vertical applications. It has a colorized silicone skin on the exposed face for chemical and puncture resistance in a waterproof joint. Due to its strong closed-cell structure, it has excellent compression, tension and shear capabilities. It meets all applicable standards for compressible. The following are acceptable applications for Willseal Color Coreseal V:

- Vertical expansion joints
- Primary construction joints
- Expansion, control and isolation joints
- Retrofit & seismic joints
- Pre-cast concrete walls, tilt-up walls
- Exterior panel systems - Masonry, Granite, Metal, EIFS, Curtain Walls
- Joints requiring a resilient, waterproof seal
- Larger joints requiring an architectural finish

### Features & Benefits

Willseal Coreseal V is a compressible system that is impermeable to water and provides a watertight seal.

- Allows for up to 50% ( $\pm 25\%$ ) movement
- Accommodates rapid rates of joint movement
- Monolithic construction for standard sizes – will not delaminate
- Does not rely on the silicone coating or field applied bead to provide a watertight seal
- Supplied uncompressed 25% over the mean joint size as a standard
- Utilizes non-invasive anchoring
- Used for joints up to 10" wide

### Colors

- Tremco Spectrem colors: White, Precast White, Ivory, Sandstone, Buff, Off-White, Limestone, Anodized Aluminum, Gray, Aluminum Stone, Light Bronze, Champagne, Dusty Rose, Adobe Tan, Rustic Brick, Charcoal, Bronze, Dark Bronze, Black
- Industry standard colors, custom colors upon request.

### Packaging

- Joint sizes from 1/2" to 10" in sticks (6 ft lengths)
- Custom sizes available upon request

### Availability

Willseal Coreseal V is available from your authorized Tremco distributor, or any Tremco or Willseal Sales Representative. For more information contact Customer Service by phone at 800-416.0500 or email [custserv@willseal.com](mailto:custserv@willseal.com).

### Limitations

- Avoid contact of Willseal Coreseal V with harsh chemicals unless polysulfide finish sealant is used.
- Not intended for joints requiring +/- 50% (100% total) movement
- Joints submerged in water
- Cross joints in copings and projecting stonework

### Storage

Store material in a dry, enclosed area, off the ground, and out of direct sunlight. Store material at a minimum of 68 °F (20 °C). If ambient storage temperatures fall below 50 °F (10 °C), warm material up to 68 °F (20 °C) for a minimum of 24 hours prior to installation, regardless of temperature at location of installation.

### Warranty

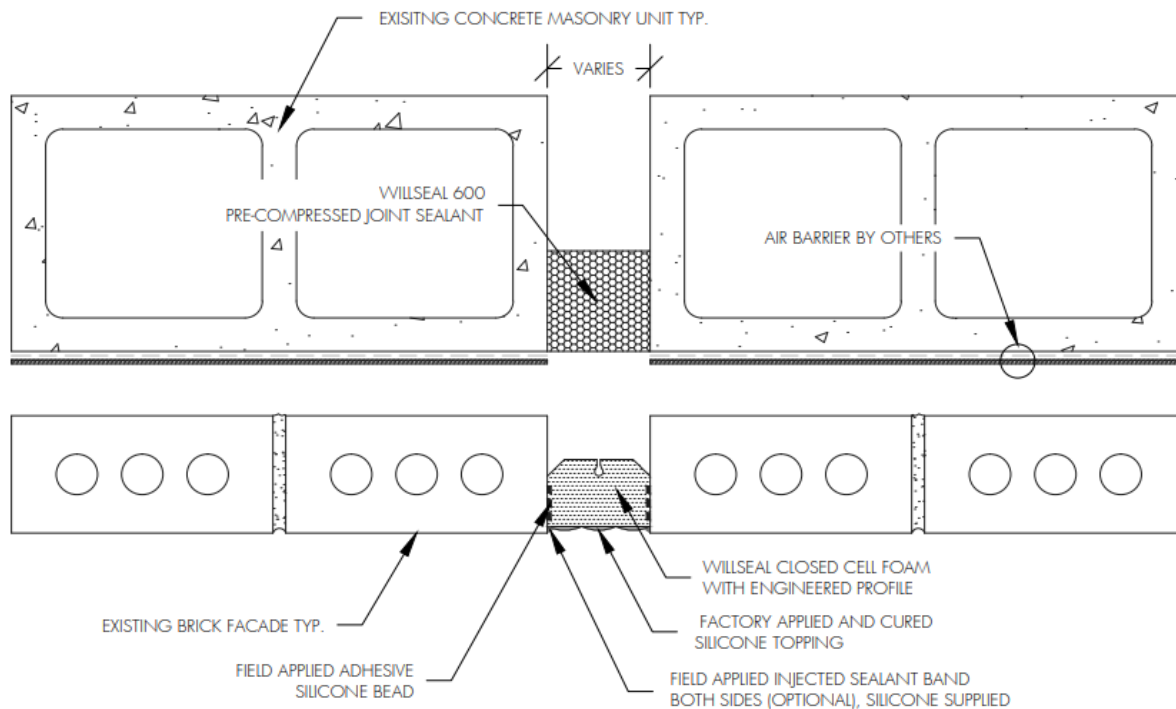
Willseal Products are warranted to be free of defects in materials, but no warranty is made as to appearance or color. No other warranty, expressed or implied, is made with respect to Willseal Products, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy under this warranty shall be to replace or refund the purchase price of the quantity of Willseal Products proven to be defective, and there is no liability whatsoever for other loss or damage.

Please refer to our website at [www.willseal.com](http://www.willseal.com) for the most up-to-date Product Data Sheets.

NOTE: All Willseal Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	DESCRIPTION	
Foam Color	Grey or Black (Special request)	
Temperature Stability Range	- 40 °F (- 40 °C) to 130 °F (54 °C)	
Ideal Storage Temperature	68 °F (20 °C)	
PROPERTY	TEST METHOD	TYPICAL RESULTS
UV Resistance	DIN 18542	Pass
Silicone Elongation	N/A	Never under tension and exceeds maximum movement range (>125%)
Silicone Flexibility	N/A	Excellent
Compression set	Full cycle tested in an environmental chamber through the stated temperature stability range	Will not delaminate due to thermal shock or compression set
Tensile Strength	ASTM D 3575 Suffix T	74 psi +/-21
Tear Resistance	ASTM D 3575 Suffix G	13.5 lbf/in +/-20%
Density	ASTM D 3575 Suffix W	2.3 +/-20%
Elongation at Break	ASTM D 3575 Suffix T	275% +/-25%
Water Absorption, 7 days	DIN 53428	1% volume max



**0520/WCS-V-DS**

Please refer to our website at [www.willseal.com](http://www.willseal.com) for the most up-to-date Data Sheet.

**Willseal, A Tremco Affiliate Brand**

34 Executive Drive • Hudson NH 03051 • 800.274.2813 (US and Canada) or 603.273.0707 (International)