

DATA SHEET

Product Description

Willseal® Coreseal is a lightweight, preformed closed-cell ethylene vinyl acetate (EVA) copolymer foam. 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

Used both as an external joint sealant, and secondary joint sealant, Willseal Coreseal is engineered to perform in both horizontal and vertical applications. It meets all applicable standards for compressible sealants and performs under extreme conditions including bridge and parking structure expansion joints. The following are acceptable applications for Willseal Coreseal:

- Primary horizontal or vertical expansion joints
- Control joints
- Below grade applications
- Parking garage expansion joints
- Highway longitudinal and transverse joints
- Stadiums
- Plaza Decks
- Bridge expansion joints

Features & Benefits

Willseal Coreseal 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
- Conforms to DIN 53428 (1% max water absorption after 7 days)
- Monolithic construction for standard sizes – will not delaminate
- Supplied uncompressed 25% over the mean joint size as a standard
- Lightweight
- UV and Chemical resistant
- Utilizes non-invasive anchoring
- Used for joints up to 10" wide

Availability

Willseal Coreseal is available from your authorized Tremco distributor, or any Tremco or Willseal Sales Representative. For more information contact Customer Service by phone at 800-274-2813 or email custserv@willseal.com.

Colors

- Standard foam color is Grey
- Black is available by special request

Limitations

- Avoid contact of Willseal Coreseal with hydrocarbon solvents, solvent based paints, and corrosive chemicals.
- Not intended for joints requiring +/- 50% (100% total) movement

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.

Packaging

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

Warranty

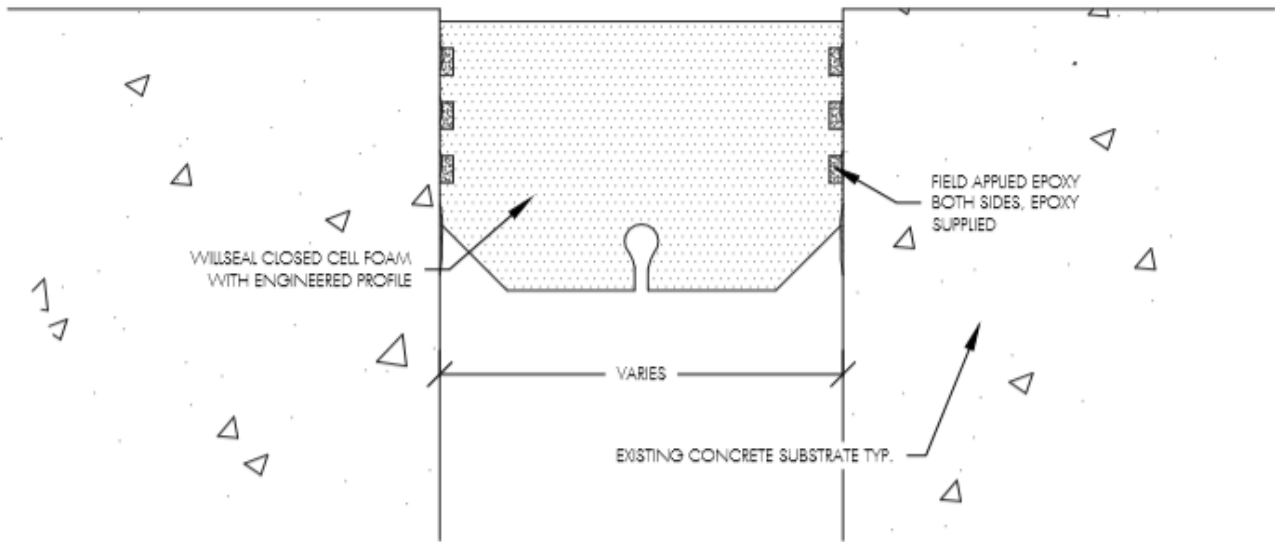
Willseal Products are warranted to be free of defects in materials, but no warranty is made as to appearance or color. No other warranty, expressed or implied, is made with respect to Willseal Products, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive 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 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
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



0420/WCORE-DS

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Willseal, A Tremco Affiliate Brand

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