

DESCRIPTION

Willseal Coreseal is a preformed, compressible system that is impermeable to water and when bonded in place provides a watertight seal. It was developed to meet all applicable standards for compressible sealants and performs under extreme conditions such as those found in vertical and horizontal applications including bridge and parking structure type expansion joints. It provides a watertight, dust-proof, airtight, UV stable, chemically resistant, soundproof, and insulated primary seal. Once installed in the joint, the material adapts to the width of the joint and the irregularities of the substrate, provided such profile changes are not sudden or extreme.

MATERIAL

- Permanently resilient; the material will expand and contract with the movement of the joint under any weather condition
- Composed of a durable, low density, closed cell, cross-linked ethylene vinyl acetate (EVA) copolymer foam
- Made from a monolithic piece of foam that will not delaminate like multi-layer products
- UV & Chemical Resistant

COLORS

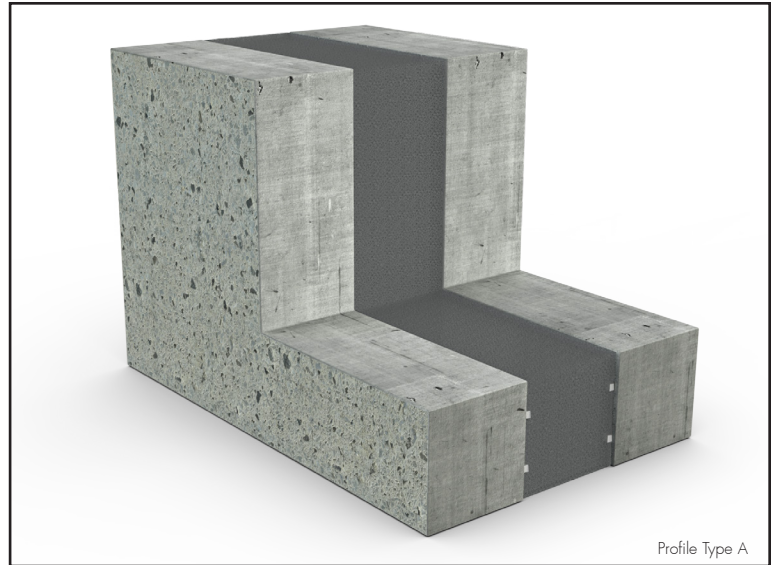
- Gray
- Black (Special Order Only)
- If colored face is required use Willseal Color Coreseal

DIMENSIONS

- Joint sizes from 1/2" to 12" in sticks
- Custom sizes available upon request

APPLICATIONS

- Primary horizontal or vertical joints
- Control joints
- Below grade applications
- Highway longitudinal and transverse joints
- Parking structure expansion joints
- Bridge expansion joints
- Plaza decks
- Pre-cast or retrofit joints
- Joints requiring a watertight seal



TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	VALUE
Density	ASTM D3575	2-3 lb/cu. ft.
Tensile Strength	ASTM D3575	120psi
Tensile Elongation	ASTM D3575	180%
Tear Resistance	ASTM D624	21.5lbs/in.
Water Absorption	ASTM D3575	<.02lbs/ft²

Willseal Coreseal does not react with cement, stone, brick, plastics, or metals. Additional independent test lab results are available that confirm the waterproofing characteristics of the Willseal Coreseal. In below grade applications, Willseal Coreseal has been proven to a head pressure of 70'.

CHEMICAL RESISTANCE* (Core Foam Material)

Isopropyl Alcohol	Excellent	Linseed Oil	Excellent
Naphtha	Excellent	Motor Oil #30	Excellent
Clorox	Excellent	Acetic Acid 5%	Excellent
Ethylene Glycol	Excellent	Hydrochloric Acid Conc.	Excellent
Butyl/Ethyl Acetate	Excellent	Nitric Acid	Excellent

*If additional chemical resistant or NSF properties are required, contact Willseal for more information or a complete chart.

ADVANTAGES

- Unique profile allows for easier install and less tension & compressive force
 - First generation rectangle profiles are also available
- Accommodates rapid rates of joint movement
- Made from a monolithic piece of foam that will not delaminate like multi-layer products
- Closed cell and impermeable to water, can handle up to 70' head of water pressure
- Slip resistant
- Consistent depth of product
- Used for joints up to 12" wide
- Designed for up to 50% ($\pm 25\%$) movement
 - Allows for up to 60% seismic compression
 - Has joint extension safety margin of 5% (+30% total)
- Can be permanently bonded to the joint substrate
- Factory fabricated directional transitions are available

LIMITATIONS

- Joints must be sized by measuring every 5-7ft. to ensure gap opening is uniform and depth is sufficient for the supplied material
- Do not install when substrate or ambient temperatures are below -14°F (-25°C) or above 95°F (35°C)
- Will not adhere to surfaces contaminated by oil or grease
- If ambient storage temperatures are below 50°F (10°C), store material at a minimum of 68°F (20°C) for a minimum of 24 hours prior to installation, regardless of temperature at location of installation
- Store material in a dry, enclosed area, off the ground, and out of direct sunlight
- Do not install when raining or snowing

PREPARATION FOR INSTALLATION

- Verify that the joint is clean, sound, and will provide an appropriate surface for installation of the joint sealant
- Check material for the appropriate lengths, widths, and depths
- Prepare the material for seams and proper lengths

INSTALLATION

- Run a uniform coating of the supplied epoxy adhesive along both sides of the joint approximately $\frac{1}{2}'' - \frac{3}{4}''$ back from the substrate surface
- Compress Willseal Coreseal and insert the material into the joint
- Do not use the epoxy to bond the joint ends, use only the supplied splice sealant
- Tool the silicone over all seams and transitions to allow for a clean, aesthetic finish

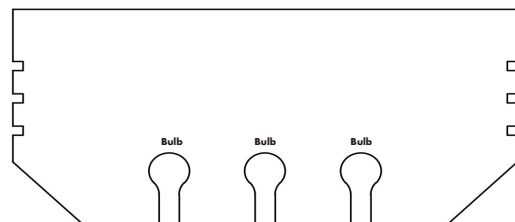
CLEAN UP

- Remove any excess silicone left on the surface of the material or substrate
- Remove all waste materials from the job site
- Do not reuse waste material
- Leave site to the satisfaction of the owner/architect

PROFILE A



PROFILE D • Number of bulbs based on joint width • $< 1''$ joint width has no bulbs

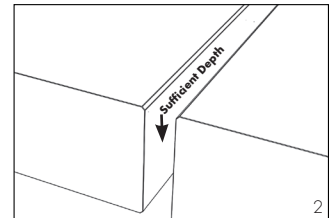
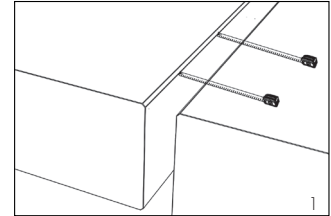


RECOMMENDED TOOLS

Tape Measure • Sharp Knife • Duct Tape • Mineral Spirits • Clean Cloth
Isopropyl Alcohol • Blunt Putty Knife • Caulking Gun • Caulking Trowel

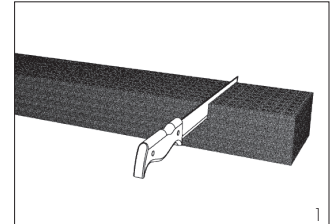
MATERIAL SIZING

- Joints must be sized every 5-7 ft (1.524-2.137 m) to ensure gap opening is uniform (1)
- Allow sufficient depth for the material to be recessed 1/8"-1/4" into the joint (2)



MATERIAL PREPARATION

- Store material at a minimum of 68°F (20°C) for a minimum of 24 hours prior to installation, regardless of temperature at location of installation
- Store materials in a dry, enclosed area, making sure materials are off the ground and out of direct sunlight
- Use a sharp knife to cut the material square. All starting and ending pieces must be square to termination point (1)
 - Apply mineral spirits to the knife for a smoother cut
- If necessary, prepare the material for heat seams
- Refer to the Seams section for further instruction on preparing the material

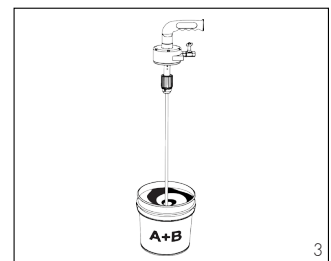
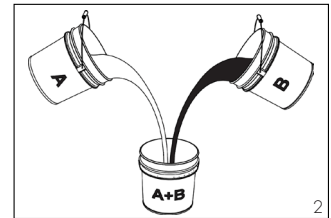
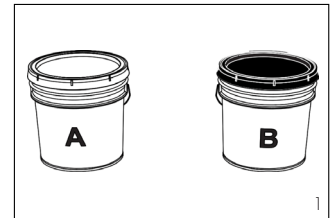


JOINT PREPARATION

- Verify that the joint is clean, sound, and will provide an appropriate surface for installation of the joint sealant
 - Use compressed air to clean any loose debris from the joint
 - Apply water or alcohol to a clean cloth and wipe the joint walls to the depth of the sealant material plus 1"
- Verify that the joint is uniform and repair any spalls prior to installation
- Apply duct tape to both edges of the substrate face to prevent the epoxy from contacting the deck surface
- Check the material for appropriate length, width, and depth
 - Supplied material should be approximately 25% larger but never less than 16% larger than the intended joint opening or greater than 38% oversized
 - Joint depth must allow for the installed material to be recessed while leaving sufficient space for the primary sealant and backer rod (if used)

EPOXY PREPARATION

- Mix Part A and Part B separately (1)
- Transfer the entire contents of Part A (resin) and then Part B (hardener) into a clean, empty container. Part B must ALWAYS be added to part A, and mixed in a 1:1 ratio (2)
- Mix the material thoroughly with a low speed (approximately 300 rpm) drill or jiffy mixer (3)
- Mix until the black and white is evenly blended leaving no streaks of either color
- Transfer the mixture to another clean container to avoid any leftover residue from streaking the final mixture

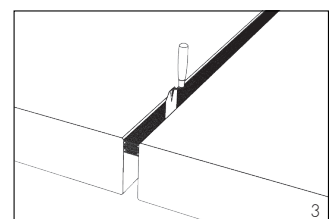
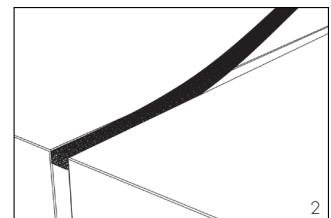
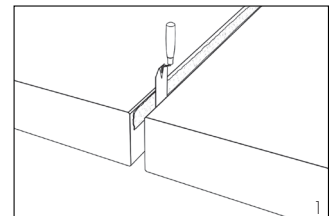


EPOXY TIPS

- The epoxy will not cure when the temperature is below 40°F
- For every +17°F, the epoxy cures twice as fast
- For every -17°F, the epoxy takes twice as long to cure
- Greater volume = less time to cure
- Smaller volume = more time to cure
- A technique to increase the pot life of the epoxy is to split up the mixed material into smaller units
- Mix only the required amount of epoxy that will be used within a 30 minute timeframe to prevent the epoxy from curing prematurely

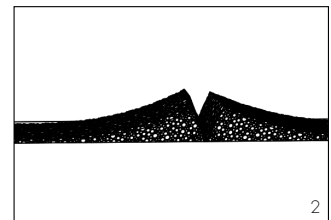
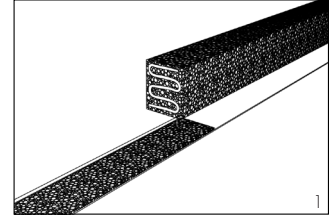
SEALANT INSTALLATION

- When fully prepared to install, apply a 40mils (1mm) coating of the epoxy mixture to both joint walls using a 1" margin trowel to a depth of the sealant material plus 1/2." Also, apply a 40mils (1mm) coating of the epoxy adhesive to both sides of the material (1)
- The epoxy must still be wet upon installation; the working time for epoxy is approximately 30 minutes depending on the temperature
- If the epoxy hardens on the surface of the substrate prior to installation, another coat of epoxy can be applied within 2 hours. After 2 hours, the joint surface must be abraded to eliminate the amine blush that occurs during the final cure
- When a continuous joint cannot be finished, the epoxy on the substrate should stop at the last stick installed and epoxy should not be applied to the end of the installed material until the next piece of material is ready to be installed
- Begin installation at one end working to the opposite end using butt seams by inserting one side of the material approximately 1" into the joint (2)
- Verify that the material is cut square at both ends for proper seams. All pieces must be square to the termination point
- Do not excessively push or pull the material, as this will stretch the foam resulting in possible damage
- Use a blunt putty knife or your hands to compress the opposite side of the material and slide it into the joint continuing to compress and work the material into the joint until it is approximately 1/4" recessed from the substrate surface (3)



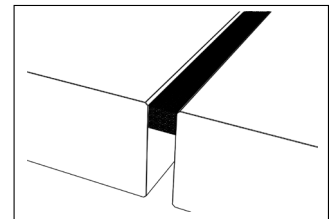
SEAMS

- Heat Seams
 - Verify that the new piece of material is cut square and not at an angle to the previous material installed
 - Apply both ends of the seam to the welding iron
 - Once heated sufficiently, remove both ends from the welding iron and press firmly together
 - Allow to cool before mixing the epoxy adhesive
- Flexible Seal
 - Apply flexible seal to the butt end of the new piece of material (1)
 - Overlap extra material (approximately 1/2" - 1") at seams and splices to ensure that the seam is in compression after installation (2)
 - Butt seam all "T" and "+" intersections
 - Tool the supplied Flexible Seal over all seams and transitions using a small caulking tool
 - After installation, if there are any mitered joints with a hole or void, use the supplied Flexible Seal to fill and seal the joint



FINISH

- Use the applied flexible seal to run a bead along each edge of the joint to fill any irregularities in the substrate
- Remove any excess Flexible Seal or epoxy left of the surface of the material or substrate
- Do not allow the Flexible Seal or epoxy to cure before removal



WILLSEAL CORESEAL

Version 1.

REVISION DATE: 07/16/2013

SECTION 1 – PRODUCT IDENTIFICATION

Trade Name	: WILLSEAL CORESEAL
Product Code	: Closed Cell EVA Expansion Joint
Company	: Willseal LLC 34 Executive Drive Hudson, NH 03051
Telephone	: (800) 274-2813 8:00 – 5:00 EST
Emergency Phone	: (800) 848-1120 8:00 – 5:00 EST

SECTION 2 – PRODUCT IDENTIFICATION

Hazardous Ingredients	: None
Other Ingredients	: Polyvinyl Chloride

SECTION 3 – INGREDIENTS

Boiling Point	: SOLID, N/AP Specific Gravity (H2O ; 1) : 0.006
Vapor Pressure, mm Hg	: N/AP
Melting Point	: 330°F
Vapor Density (Air = 1)	: N/AP
Evaporation Rate (Butyl Acetate = 1):	N/AP
Solubility in water	: Not soluble
Appearance	: Cellular PVC Sheet
Odor	: Not objectionable

SECTION 4 – HEALTH HAZARD & MEDICAL PROCEDURES

No known medical conditions generally aggravated by exposure

Acute & Chronic Health Hazards	: No adverse health effects
Signs & Symptoms of Exposure	: None
Inhalation	: No direct or side effects
Ingestion	: No need anticipated
Skin contact	: No need anticipated. If irritation occurs, wash with warm water
Eye contact	: No need anticipated. If irritation occurs, wash with warm water
Carcinogenicity	
NTP	: No
IARC Monograph	: No
OSHA Regulation	: No

WILLSEAL CORESEAL

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SECTION 5 – FIRE FIGHTING & EXPLOSION MEASURES

Flash Point	: 735°
Flammable Limits	
LEL	: N/AP
LFEL	: N/AP
Extinguishing Media	: CO2 Dry powder or water
Special Fire Fighting Procedures	: NIOSH approved self-contained respirators recommended for toxic smoke
Unusual Hazards	: When forced to burn, combustion gasses will liberate hydrogen chloride gas fumes.
Meets Flammability Ratings For	: UL94HBF, MIL-P-I5280D, FMVSS #302-SE, FAR 25/853B-SE

SECTION 6 – REACTIVITY DATA

Stability	: Stable
Conditions to avoid	: Excessive heat
Incompatibility (Materials to avoid)	: None
Hazardous Decomposition/Products	: HCl, CO, CO ₂
Hazardous Polymerization	: Will not occur

SECTION 7 – SPILL OR LEAK PROCEDURES

No steps needs to be taken if material is released or spilled	
Store material away from direct heat	
Waste Disposal Method	: Incineration or approved landfill
Other Precautions	: Ethylene vinyl acetate is chemically resistant to most common organic material such as alcohols, organic acids, and aliphatic hydrocarbons. : Effective solvents are ethylene dichloride, nitrobenzene, cyclohexane, tetrahydrofuran, and dimethyl sulfoxide.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory protection	: Wear NIOSH/MSHA approved dust respirator in dusty areas
Ventilation	: Local exhaust in hot processing areas
Hand protection	: No protective glove necessary
Eye Protection	: No unusual precautions necessary
No other protective clothing or equipment necessary	
No unusual precautions necessary when observing good work practices	
No special precautions necessary	

WILLSEAL CORESEAL

Version 1.

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SECTION 9 – TRANSPORTATION

DOT Proper Shipping Name : Not Regulated
 DOT Primary Hazard Classification : NA
 UN/NA Hazard # : NE
 EPA/DOT Reportable Quantity : NA
 DOT Labels Required : None Required

SECTION 10 – HAZARD CODES

NFPA 704
 Health Hazard : 0
 Fire Hazard : 1
 Reactivity : 0
 Special : None

Further information:

The information contained herein is furnished without warranty, representation or license of any kind, except that it is accurate to the best knowledge of Willseal LLC or obtained from sources believed by Willseal LLC to be accurate, and does not assume any legal responsibility for use of or reliance upon such information. Before using Willseal LLC products, read all labels, product data sheets and applicable Material Safety Data Sheets.

Legend**HEALTH HAZARD**

0 – Normal Material
 1 – Slightly Hazardous
 2 – Hazardous
 3 – Extreme Danger
 4 – Deadly

REACTIVITY

0 – Stable
 1 – Unstable If Heated
 2 – Violent Chemical Change
 3 – Shock & Heat May Detonate
 4 – May Detonate

FIRE HAZARD Flash Points

0 – Will Not Burn
 1 – Above 200° F
 2 – Below 200° F
 3 – Below 100° F
 4 – Below 73° F

SPECIAL HAZARD

Oxidizer OXY
 Acid ACID
 Alkali ALK
 Corrosive COR
 Use No Water N/W

OTHER

UK – Unknown
 AP – Approximately
 N/AP – Not Applicable
 N/DA – No Data Available

SPECIFICATION
Sections 07 90 00 / 07 95 00

Coreseal and Coreseal HCR by WILLSEAL LLC

Compressible, Resilient, Closed Cell Sealant System for Above and Below Grade Applications.

Watertight, Primary Seal for Horizontal and Vertical Applications. Can be Supplied to Provide for Continuous Immersion in Chlorinated, Saline, or Potable Water Environments

****Note to Specifier:*

*The Coreseal Joint System features 50% total movement capability and is a water impermeable closed cell joint system. It is superior to open cell type systems that typically rely on a thin silicone band for holding a hydrostatic head. Coreseal is installed with non-invasive anchoring, and operates by relieving tension at the bond-line unlike water-bar and caulked joints.****

PART 1 – GENERAL

1.01 Work Included

- A. The work shall consist of furnishing and installing waterproof expansion joints in accordance with the details shown on the plans and the requirements of the specifications. Preformed sealant shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system.
- B. Related Work
 - Division 3 - Cast-in-Place Concrete
 - Division 7 - Thermal & Moisture Protection
 - Division 7 - Sealants, Caulking and Waterproofing

1.02 Submittals

- A. General – Submit the following according to Division 1 Specification Section.
- B. Standard Submittal Package – Submit typical expansion joint drawing(s) indicating pertinent dimensions, general construction, expansion joint opening dimensions and product information.
- C. Sample of material is required at time of submittal.
- D. Quality control, Manufacturer shall be ISO-9001:2008, certified and shall provide written confirmation that a formal Quality management System and Quality Processes have been adopted in the areas of, (but not limited to) Manufacturing, Quality Control and Customer Service for all processes, products and their components. Alternate manufacturers will be considered provided they submit written proof that they are ISO 9001:2008, certified prior to the project bid date.

1.03 Product Delivery, Storage and Handling

- A. Deliver products to site in Manufacturer's original, intact, labeled containers. Handle and protect as necessary to prevent damage or deterioration during shipment, handling and storage. Store in accordance with manufacturer's installation instructions.

1.04 Basis of Design

- A. All joints shall be designed to meet the specified performance criteria of the project as manufactured by: Willseal LLC, 34 Executive Drive, Hudson, NH 03051, 800-274-2813. Willseal.com, custserv@willseal.com.

- B. Alternate manufacturers must demonstrate that their products meet or exceed the design criteria and must submit certified performance test reports performed by nationally recognized independent laboratories as called for in section 1.02 Submittals. Submittal of alternates must be made three weeks prior to bid opening to allow proper evaluation time.

1.05 Quality Assurance

- A. The General Contractor will conduct a pre-construction meeting with all parties and trades involved in the treatment of work at and around expansion joints including, but not limited to, concrete, mechanical, electrical, landscaping, masonry, waterproofing, fire-stopping, caulking, flooring and other finish trade subcontractors. All superintendents and foremen with responsibility for oversight and setting of the joint gap must attend this meeting. The General Contractor is responsible to coordinate and schedule all trades and ensure that all subcontractors understand their responsibilities in relation to expansion joints and that their work cannot impede anticipated structural movement at the expansion joints, or compromise the achievement of water-tightness or life safety at expansion joints in any way.
- B. Warranty – Manufacturer’s standard warranty shall apply.
- C. LEED Building Performance Requirements: The VOC of the silicone must not exceed 50 grams/liter.

PART 2 – PRODUCT

2.01 General

- A. Provide traffic durable, watertight, expansion joint by Willseal LLC for expansion joints and isolation joints in above grade and submerged applications. Typical locations include, but are not limited to the following: applications for joints where continuous or intermittent immersion or contact with chlorinated (up to 5ppm), saline, or potable water is planned, construction, and structural expansion joints. System shall perform waterproofing, traffic bearing and movement-accommodation functions as the result of a single installation and without the addition of gutters, vapor barriers, bladders, or other devices suspended beneath or within the system in any way.
- B. Provide Coreseal as manufactured by Willseal LLC and as indicated on drawings for horizontal or vertical expansion joint locations.
- C. Sealant system shall be comprised of two components: 1) cellular EVA foam that can be supplied with or without a factory coated, chemically resistant, potable water safe silicone per NSF/ANSI Standard 61; NSF Standard 51, FDA Regulation CFR 177.2600; MIL-A-46146; an UL Flame Class 94 HB; 2) field-applied epoxy.
- D. Material shall be capable as of movements of +25%, -25% (50% total) of nominal material size. Standard sizes from 1/2” (12mm) to 4” (150mm). Expansion joint material must have the following minimum physical properties: Tensile strength 70psi (ASTM D412) and a density of 2.5 per cubic foot (ASTM 3575) Depth of seal as recommended by manufacturer.
- E. Provide a joint seal that consists of a preformed closed-cell, foam joint sealant. Provide a joint sealant profile and size that satisfies project requirements including movement and water-tightness. Install all components utilizing manufacturer’s recommended bonding and splice adhesive for complete installation.

- F. Coreseal to be installed with manufacturer's standard field-applied epoxy adhesive. Coreseal is to be installed slightly recessed from the surface.
- G. Joint system must not rely on any additional materials or systems to waterproof or seal the joint substrate.
- H. Select the sealant system model appropriate to the movement, head pressure and design requirements at each joint location that meet the project specification or as defined by the structural engineer of record.
- I. Manufacturer's Checklist must be completed by expansion joint subcontractor and returned to manufacturer at time of ordering material.

2.02 Fabrication

- A. Coreseal by Willseal LLC shall be supplied based on field verified measurements packaged in 5' lengths or factory supplied in a continuous length to eliminate field splicing.
- B. Directional changes and terminations into horizontal plane surfaces to be factory or field fabricated depending on project requirements.

PART 3 – EXECUTION

3.01 Installation

- A. Preparation of the Work Area
 1. The contractor shall provide properly formed and prepared expansion joint openings constructed to the exact dimensions and elevations shown on manufacturer's standard system drawings or as shown on the contract drawings. Deviations from these dimensions will not be allowed without the written consent of the engineer of record.
 2. The contractor shall clean the joint opening of all contaminants immediately prior to installation of expansion joint system. Repair spalled, irregular or unsound joint surfaces using accepted industry practices for repair of the substrates in question. Remove protruding roughness to ensure joint sides are smooth. Ensure that there is sufficient depth to receive the full depth of the size of the Coreseal being installed. Refer to Manufacturers Installation Guide for detailed step-by-step instructions.
 3. No drilling, or screwing, or fasteners of any type are permitted to anchor the sealant system into the substrate.
 4. System to be installed by qualified sub-contractors only according to detailed published installation procedures and/or in accordance with job-specific installation instructions of manufacturer's field technician.

3.02 Clean and Protect

- A. Protect the system and its components during construction. Subsequent damage to the expansion joint system will be repaired at the general contractor's expense. After work is complete, clean exposed surfaces with a suitable cleaner that will not harm or attack the finish.

END OF SECTION

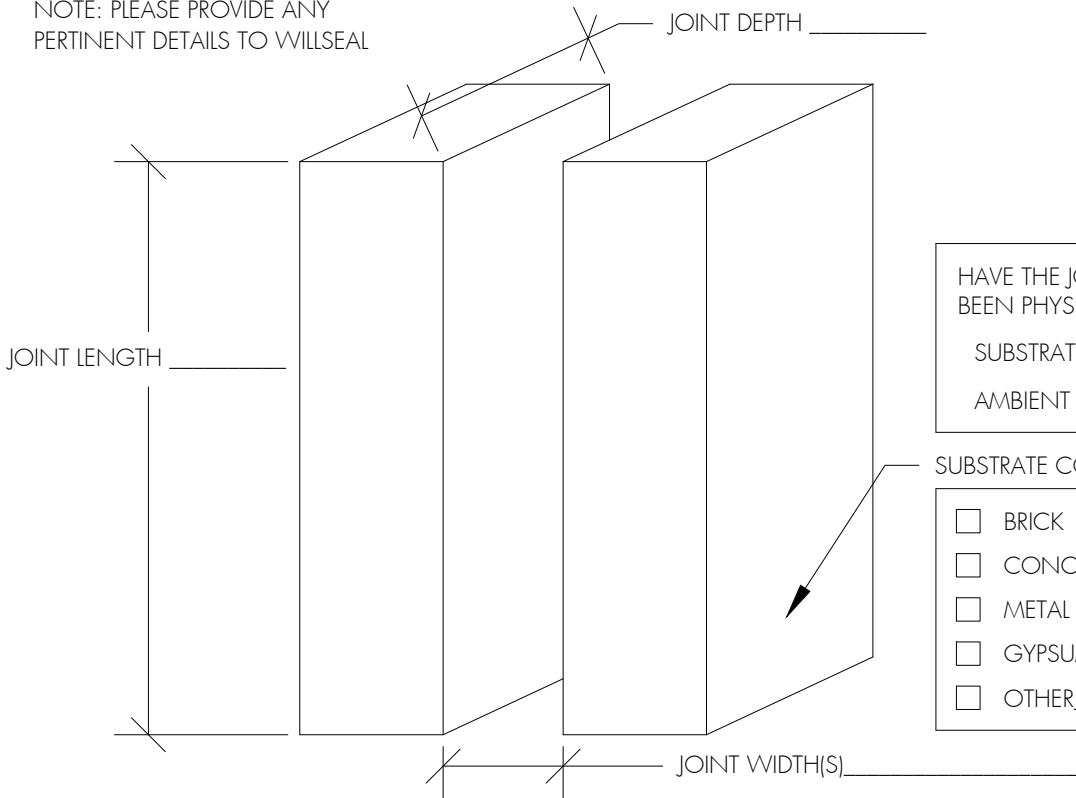


CHECKLIST FOR VERTICAL JOINTS

PLEASE EMAIL CHECKLIST TO CUSTSERV@WILLSEAL.COM
OR FAX TO 800-416-0550

LOCATION OF JOINT			CONSTRUCITON	FIRE RATING	JOINT PURPOSE
<input type="checkbox"/> INTERIOR	<input type="checkbox"/> WALL	<input type="checkbox"/> ABOVE GRADE	<input type="checkbox"/> NEW	<input type="checkbox"/> NO FIRE RATING	<input type="checkbox"/> PRIMARY SEAL
<input type="checkbox"/> EXTERIOR	<input type="checkbox"/> DECK	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> RETROFIT	<input type="checkbox"/> 1 HOUR	<input type="checkbox"/> SECONDARY SEAL
		<input type="checkbox"/> BELOW GRADE	<input type="checkbox"/> TOTAL REPLACEMENT	<input type="checkbox"/> 2 HOUR	& TO SEAL OUT
				<input type="checkbox"/> 3 HOUR	<input type="checkbox"/> WEATHER (RAIN/WATER)
					<input type="checkbox"/> INSULATE (COLD/HEAT)
					<input type="checkbox"/> SOUND
					<input type="checkbox"/> AIR
					<input type="checkbox"/> INSECTS/RODENTS
					<input type="checkbox"/> OTHER _____

NOTE: PLEASE PROVIDE ANY PERTINENT DETAILS TO WILLSEAL



HAVE THE JOINT DIMENSIONS BEEN PHYSICALLY MEASURED ? YES NO

SUBSTRATE SURFACE TEMP: _____

AMBIENT TEMP: _____

SUBSTRATE COMPOSITION

BRICK

CONCRETE

METAL

GYPSUM

OTHER _____

NOTE: FOR BEST RESULTS, PLEASE MEASURE JOINT LENGTH EVERY 6 FEET

VARIES FROM: _____ TO _____

NOTE: IF JOINT WIDTH IS GREATER THAN 3" DETAILS MUST BE PROVIDED

MOVEMENT OF JOINT (E.G. +/- 2"): _____

DOES JOINT HAVE TRANSITIONS ? YES NO

IF YES: _____

(PLEASE PROVIDE DETAILS)

HOW DOES JOINT TERMINATE ? : _____

ARE TURN-UPS NEEDED ? YES NO

IF YES WHAT LENGTH: _____

GENERAL INFORMATION

NAME _____ JOB NAME _____

COMPANY _____ JOB LOCATION _____

PHONE _____ DATE _____

FAX _____ EMAIL _____

PROJECT FIRMS

ARCHITECT _____ ENGINEER _____

CONTRACTOR _____ OWNER/BUILDER _____

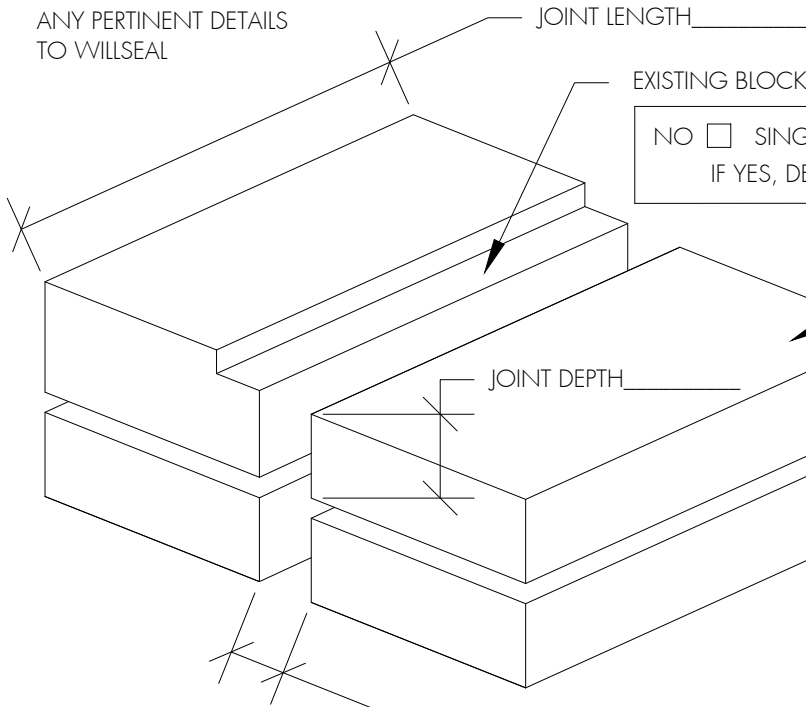


CHECKLIST FOR HORIZONTAL JOINTS

PLEASE EMAIL CHECKLIST TO CUSTSERV@WILLSEAL.COM
OR FAX TO 800-416-0550

LOCATION OF JOINT		CONSTRUCTION		FIRE RATING		JOINT PURPOSE	
<input type="checkbox"/> INTERIOR	<input type="checkbox"/> WALL	<input type="checkbox"/> ABOVE GRADE	<input type="checkbox"/> NEW	<input type="checkbox"/> NO FIRE RATING	<input type="checkbox"/> PRIMARY SEAL		
<input type="checkbox"/> EXTERIOR	<input type="checkbox"/> DECK	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> RETROFIT	<input type="checkbox"/> 1 HOUR	<input type="checkbox"/> SECONDARY SEAL		
		<input type="checkbox"/> BELOW GRADE	<input type="checkbox"/> TOTAL REPLACEMENT	<input type="checkbox"/> 2 HOUR			<input type="checkbox"/> & TO SEAL OUT
				<input type="checkbox"/> 3 HOUR			<input type="checkbox"/> WEATHER (RAIN/WATER)

NOTE: PLEASE PROVIDE ANY PERTINENT DETAILS TO WILLSEAL



EXISTING BLOCKOUT(S)?
 NO SINGLE SIDED BOTH SIDES
 IF YES, DEPTH _____ & WIDTH _____

- INSULATE (COLD/HEAT)
- SOUND
- AIR
- INSECTS/RODENTS
- OTHER _____

SUBSTRATE COMPOSITION

BRICK
 CONCRETE
 METAL
 OTHER _____

SPLIT SLAB CONDITION? YES NO
 IF YES, SPLIT DEPTH _____

HAVE THE JOINT DIMENSIONS YES
 BEEN PHYSICALLY MEASURED? NO
 SUBSTRATE SURFACE TEMP: _____
 AMBIENT TEMP: _____

NOTE: FOR BEST RESULTS, PLEASE MEASURE JOINT LENGTH EVERY 6 FEET

JOINT WIDTH(S) _____
 VARIES FROM: _____ TO _____

NOTE: IF JOINT WIDTH IS GREATER THAN 3" DETAILS MUST BE PROVIDED

MOVEMENT OF JOINT (E.G. +/- 2"): _____
 DOES JOINT HAVE TRANSITIONS? YES NO
 IF YES: _____
 (PLEASE PROVIDE DETAILS)

HOW DOES JOINT TERMINATE?: _____
 ARE TURN-UPS NEEDED? YES NO
 IF YES WHAT LENGTH: _____

GENERAL INFORMATION

NAME _____ JOB NAME _____
 COMPANY _____ JOB LOCATION _____
 PHONE _____ DATE _____
 FAX _____ EMAIL _____

PROJECT FIRMS

ARCHITECT _____ ENGINEER _____
 CONTRACTOR _____ OWNER/BUILDER _____