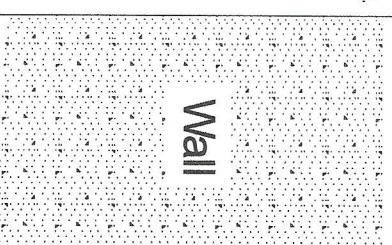
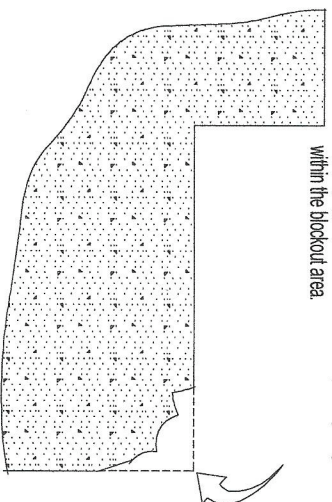


Step # 1

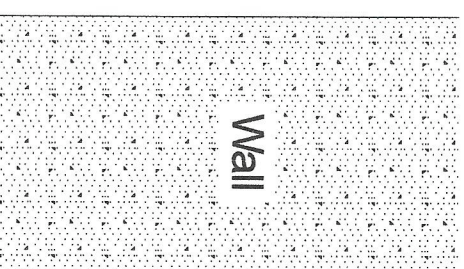
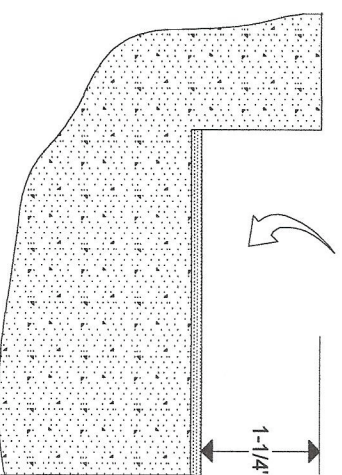
Iso-Flex Xtreme Wall Joint System Installation Procedures

Ensure that blockout construction has been properly cured prior to system installation. Utilizing appropriate repair mortar, repair any "bug holes", spalls or damaged corners within the blockout area.



Step # 2

The base of blockout must be flat and level. For this reason it may be required that a leveling mortar (by others) be utilized. Refer to manufacturers of these products to ensure proper use and sufficient cure time. Be sure to maintain the 1-1/4" depth required for the XS style system.



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Date: 9/1/24

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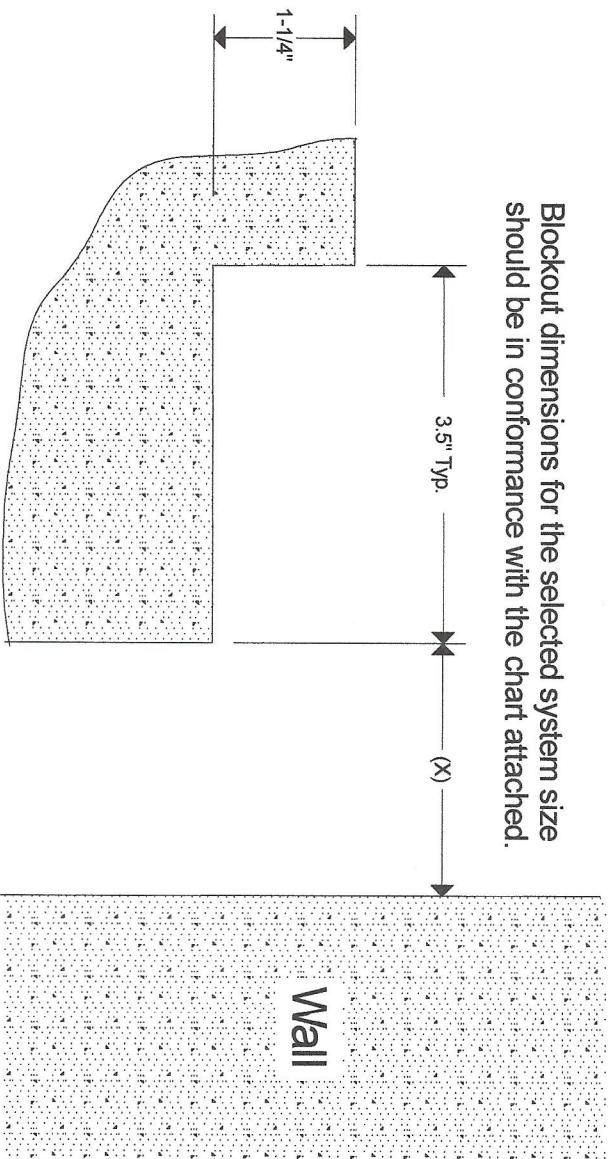
Iso-Flex Xtreme Wall Joint Installation

SurfacePlate Design

XS Installation Sheet 1

Step # 3

Blockout dimensions for the selected system size should be in conformance with the chart attached.



SYSTEM TYPE	JOINT OPENING (X)	JOINT OPENING MIN.	JOINT OPENING MAX.
X20S	2.00	1.50	3.00
	50.803	38.100	76.200
X40S	4.00	1.50	6.00
	101.600	38.100	152.401
X60S	6.00	1.50	9.00
	152.401	38.100	228.607
X80S	8.00	1.50	12.00
	203.201	38.100	304.807
X100S	10.00	1.50	15.00
	254.001	38.100	381.002
X120S	12.00	1.50	18.00
	304.807	38.100	457.202
X150S	15.00	1.50	22.50
	381.002	38.100	571.502
X180S	18.00	1.50	27.00
	457.202	38.100	685.803

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Iso-Flex Xtreme Wall Joint Installation

Surface Plate Design

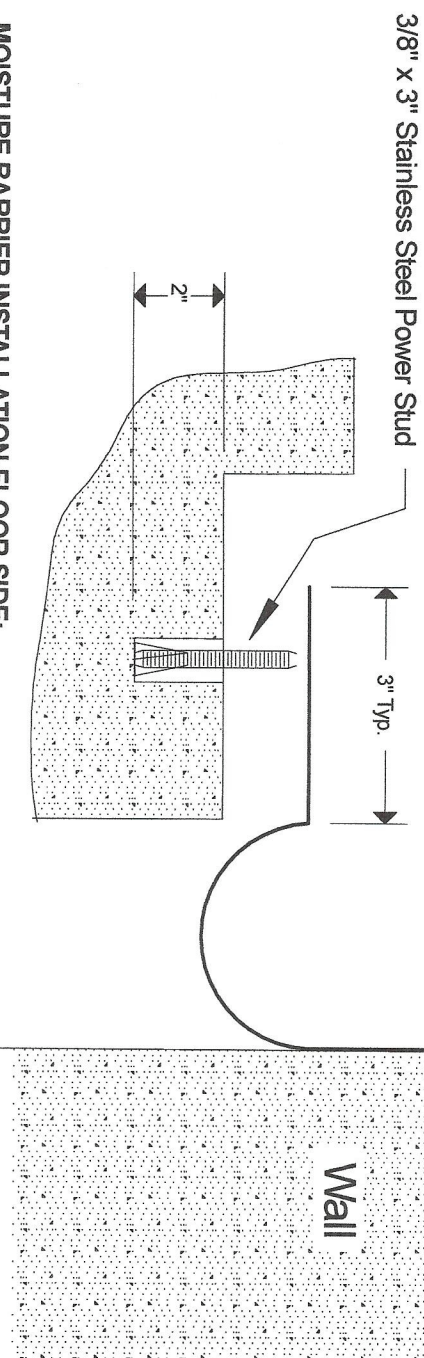
XS Installation Sheet 2

Step # 4

Anchor & Moisture Barrier Installation

ANCHOR INSTALLATION:

Using one of the Base F extrusions as the template, locate and drill holes at the punched hole spacing provided. You can use spray paint to identify the hole locations at all of the punched slots. Once the holes are located, utilize a 3/8" D. drill bit for drilling of the holes. Ensure that the holes are deep enough so that the top of the anchor is located below the level of the elastomeric concrete header.



MOISTURE BARRIER INSTALLATION-FLOOR SIDE:

Once the anchors are drilled and installed, the moisture barrier can be located and installed. Holes must be field punched in the moisture barrier sheet. This is best accomplished with a leather punching tool, or with a hole punch tool and hammer. Ensure that the moisture barrier sheet sits flat allowing for proper placement and installation of the aluminum base extrusion.

MOISTURE BARRIER INSTALLATION-WALL SIDE:

Begin by locating where the top of the Xtreme wall extrusion will be located. Snap a line from end to end where the wall extrusion will be attached. Use a wall extrusion as the template for locating the anchor holes. Once aligned, drill the holes for the anchors. With the holes all drilled, place the moisture barrier on the wall, 1/2" below the chalk line. Hold the barrier temporarily in place with duct tape. At this time cut a hole in the barrier at each anchor location. The next step will be to attach the Xtreme wall extrusion with an anchor at each end to hold it in place. Once secured, install all of the remaining anchors.

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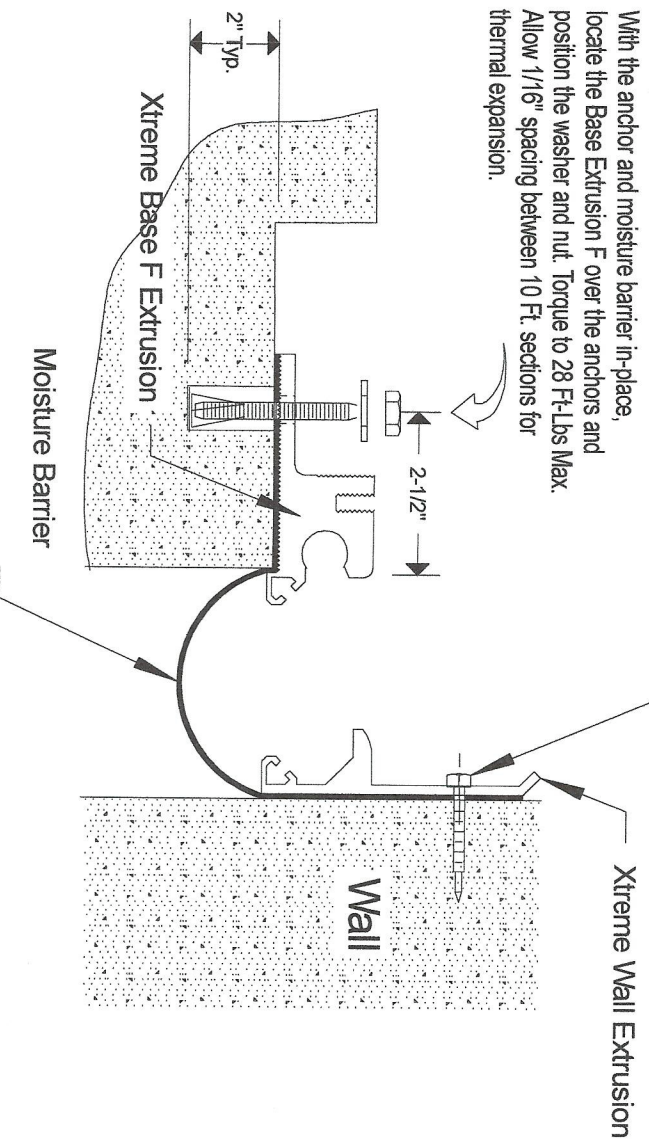
Surface Plate Design

XS Installation Sheet 3

Step # 5

The anchor for the wall extrusion is the DeWalt stainless Wedge-Bolt Cat. No. 07882-PWR 3/8 x 3. Torque to 30 Ft-Lbs Max.

With the anchor and moisture barrier in-place, locate the Base Extrusion F over the anchors and position the washer and nut. Torque to 28 Ft-Lbs Max. Allow 1/16" spacing between 10 Ft. sections for thermal expansion.



SYSTEM TYPE	JOINT OPENING (X)	JOINT OPENING MIN.	JOINT OPENING MAX.
X20S	2.00	1.50	3.00
X20S	50.800	38.100	76.200
X40S	4.00	1.50	6.00
X40S	101.600	38.100	152.401
X60S	6.00	1.50	9.00
X60S	152.401	38.100	228.601
X80S	8.00	1.50	12.00
X80S	203.201	38.100	304.801
X100S	10.00	1.50	15.00
X100S	254.001	38.100	381.002
X120S	12.00	1.50	18.00
X120S	304.801	38.100	457.202
X150S	15.00	1.50	22.50
X150S	381.002	38.100	571.502
X180S	18.00	1.50	27.00
X180S	457.202	38.100	685.803

NOTE:

1. Contact DeWalt Fasteners with any questions. Phone number is (800) 4DeWalt. Or their website is www.anchors.dewalt.com. The floor side anchor is the "Power Stud" Cat No. 07313-PWR.
2. The wall side anchor is the "Wedge-Bolt" Cat. No. 07882-PWR.
3. As the Base Extrusions are being located and attached, it is important to utilize a straight edge in order adjust for proper elevation.

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Date: 9/1/24

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Iso-Flex Xtreme Wall Joint Installation

Surface Plate Design

XS Installation Sheet 4

Step # 6

Following the installation of each 10 Ft. sections of Base Extrusion F, insert seven (7) of the Pivot Guide Bar assemblies. The Pivot Guide Bar assemblies should slide in from the end of the Base Extrusion. Be sure to install the Guide Bars in the last length of Base Extrusion before tightening anchors. **NOTE: THE PIVOT GUIDE BARS MUST ALL BE ORIENTED IN THE SAME DIRECTION AND MUST BE ALIGNED AS SHOWN ON THE ADJACENT SKETCH.** (FLAT SIDE OF END CASTING TOWARD BASE EXTRUSION F)

Align elevation of Wall Extrusion to be level to the top of the Base F Extrusion.

Install Rubber Silencing Bumper By Pressing into Recess

2" Typ.
Xtreme Base F Extrusion

Moisture Barrier

Xtreme Wall Extrusion

Base Extrusion F

Flat Side

Guide Bar

Rubber Bumper

Wall
Top View

Wall

1.06"
2.25"

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Drawn By: LAG

Date: 9/1/24

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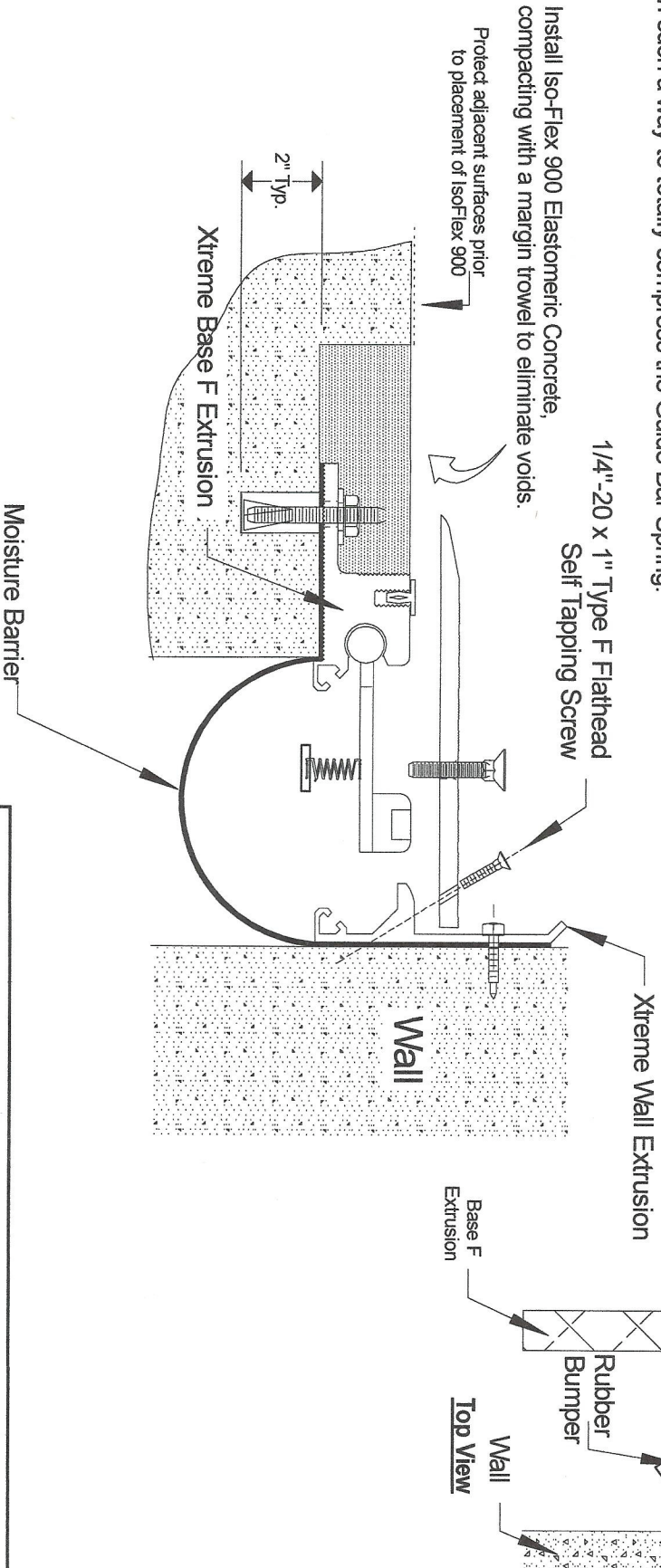
Iso-Flex Xtreme Wall Joint Installation

Surface Plate Design

XS Installation Sheet 5

Step # 7

Following the insertion of the guide bar assemblies, align the aluminum cover plate over the joint gap and the guide bars. Locate each guide bar with a countersunk hole in the aluminum cover plate. Begin to screw in a 3/8" x 5" flathead screw. Leaving the plate loose at this time. With the cover plate located on the Wall Extrusion and the Base F, utilize the 1/4" hole, drilled in the cover plate at a 30 deg angle to drill a pilot hole in the Wall Extrusion, utilizing a 7/32" drill bit. Once drilled, install a self tapping flathead screw to secure the cover plate to the Wall Extrusion. Continue to drill and install the self tapping screws at the 18" OC locations provided. Once the cover plate is secured the 3/8" Dia Guide Bar screws can be tightened. Be sure not to overtighten in such a way to totally compress the Guide Bar Spring.



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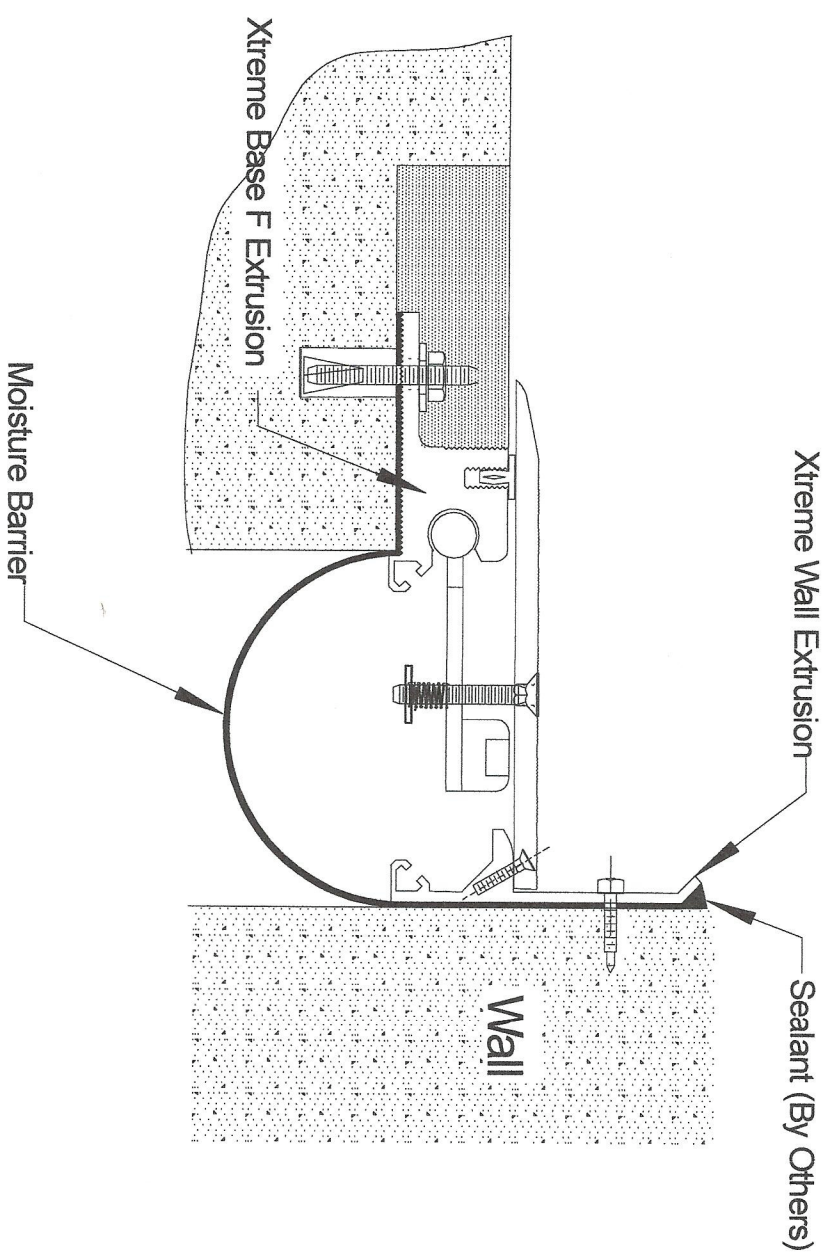
Iso-Flex Xtreme Wall Joint Installation

Surface Plate Design

XS Installation Sheet 6

Step # 8

Complete the installation by running a bead of urethane sealant, or other compatible sealant, along the top "V" groove of the wall extrusion (Sealant By Others), along the top "V" groove of the wall extrusion (Sealant By Others). With the 1/4" self tapping, and the 3/8" Guide Bar screws properly torqued, the installation is complete.



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Date: 9/1/24

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Iso-Flex Xtreme Wall Joint Installation

Surface Plate Design

XS Installation Sheet 7