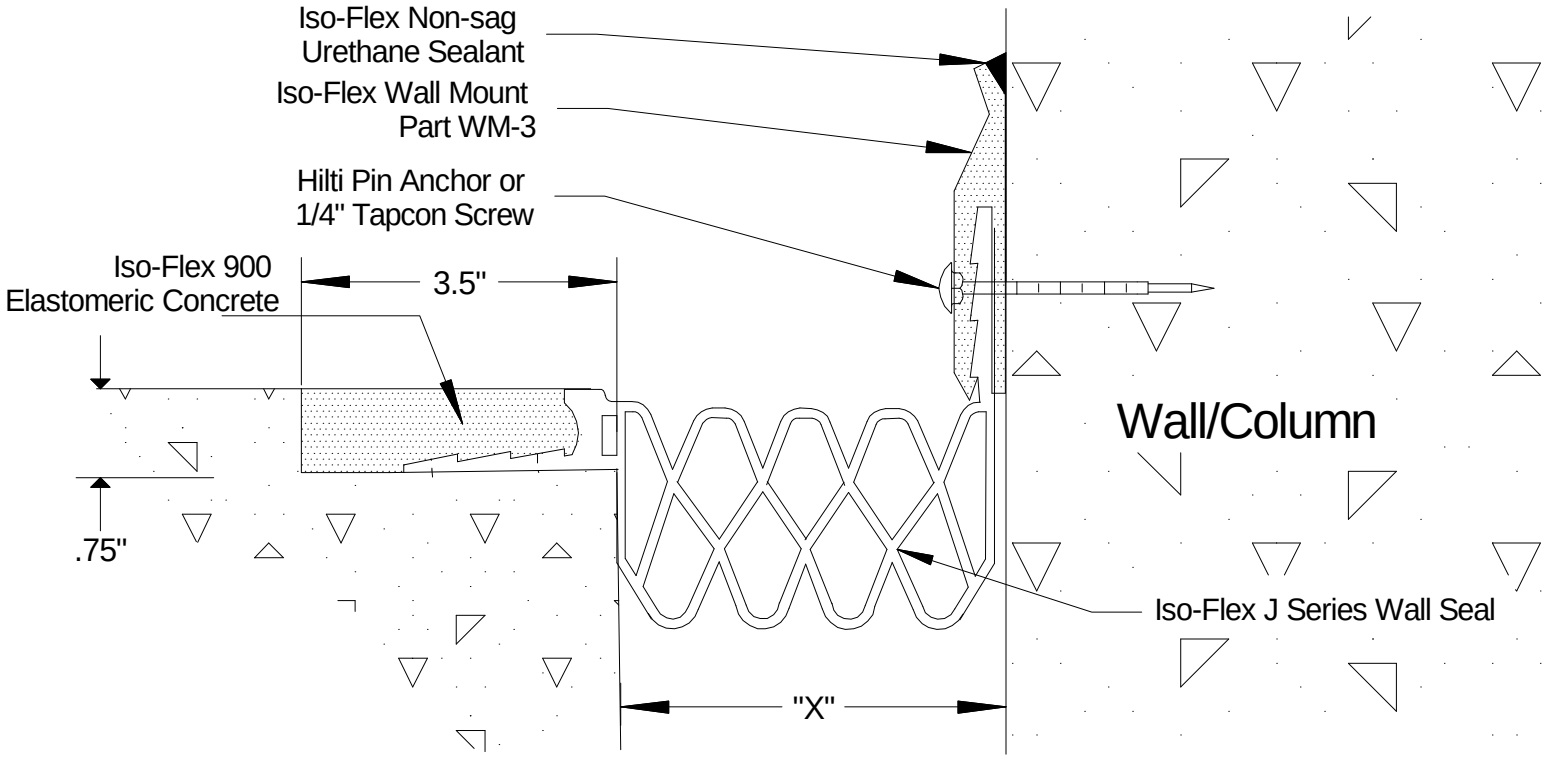

DIMENSIONAL & MOVEMENT CAPABILITIES CHART

SEAL TYPE	MOVEMENT RANGE	SYSTEM DEPTH	Thermal Movement Range		INSTALLATION WIDTH			Allowable Shear +/-	Excess Movement
			Minimum (x)	Maximum (x)	Minimum	Median	Maximum		
J23LW	**2.000**	**2.250**	**0.625**	**2.625**	**1.000**	**1.500**	**2.375**	**0.656**	**3.675**
	50.800	*57.150*	*15.875*	*66.675*	*25.400*	*38.100*	*60.325*	*16.669*	*93.345*
J30LW	**2.750**	**2.500**	**0.750**	**3.500**	**1.500**	**2.000**	**3.250**	**0.875**	**4.900**
	69.850	*63.500*	*19.050*	*88.900*	*38.100*	*50.800*	*82.550*	*22.225*	*124.460*
J40LW	**3.000**	**2.750**	**1.500**	**4.500**	**2.000**	**3.000**	**4.250**	**1.125**	**6.300**
	76.200	*69.850*	*38.100*	*114.300*	*50.800*	*76.200*	*107.950*	*28.575*	*160.021*
J50LW	**3.750**	**3.000**	**1.750**	**5.500**	**2.500**	**4.000**	**5.250**	**1.375**	**7.700**
	95.250	*76.200*	*44.450*	*139.701*	*63.500*	*101.600*	*133.351*	*34.925*	*195.581*
J60LW	**4.250**	**3.000**	**2.250**	**6.500**	**3.500**	**5.000**	**6.250**	**1.625**	**9.100**
	107.950	*76.200*	*57.150*	*165.101*	*88.900*	*127.001*	*158.751*	*41.275*	*231.141*
J70LW	**5.500**	**3.250**	**2.250**	**7.750**	**3.500**	**5.000**	**7.250**	**1.938**	**10.850**
	139.701	*82.550*	*57.150*	*196.851*	*88.900*	*127.001*	*184.151*	*49.213*	*275.591*

Notes:

1. Inches **in Bold Type**
2. Millimeters in Italics
3. "Thermal Movement Range" assumes the system functions entirely in the compression mode, no stretching of the rubber seal past it's nominal molded dimension.
4. "Installation Width" is the recommended range of expansion joint gap width experienced at the time that the system is to be installed.
5. "Excess Movement" is the extension movement maximum capability of the rubber seal that can be accommodated in limited condiitons such as in seismic events.
6. The range of "Installation Width" covers only the Thermal Movement Range, and does not incorporate any Excess Movement.

Notes:

1. Iso-Flex Wall Mount Plate WM-3 is a high durometer thermo-rubber material.
2. Typical anchor spacing to be at 18" O.C.
3. Utilize Iso-Flex 881 or 830 non-sag urethane sealant for the cant bead location.
4. Wall mount plate anchors to be Hilti Powder Actuated Fastening System, with DNI Pin #X-DNI 32 P8S36. Utilize the #3 Power Pack, or 1/4" Tapcon screw.

LymTal International, Inc.

Scale: NTS	Drawn By: LAG
Date: 6/16/06	Revised: 9/28/20

Iso-Flex Winged Expansion Joint

Wall Mount Detail	Drawing Number: 1536-03