

PECORA UL & ULC CLASSIFIED FIRESTOP SYSTEMS

UL 2079 & CAN/ULC-S115 EXPANSION JOINT & ANSI/NFPA 285 EXTERIOR WALL SYSTEMS¹



165 Wambold Road | Harleysville | PA | 1-800-523-6051

JOINT SYSTEMS and COMPONENTS ²									
System #	Fire Rating Hours	% Movement		Pecora Sealant	Joint Backing	Minimum Depth of Backing, inches	Firestop Compression Factor, % Minimum	Minimum Concrete Thickness, Inches	Min./Max. Joint Width, inches
		Sealant	System						
FLOOR-TO-FLOOR JOINTS									
FF-S-0006 FF-S-0006(ULC) Configuration #1	2	+/-50 +/-50	+/-0	Dynatrol II 864NST	Ultra Block	3	25	4.5	0.5 / 0.75
FF-S-0006 FF-S-0006(ULC) Configuration #2	2	+/-50 +/-12.5	+/-0	Dynatrol II AC-20 FTR	Ultra Block	3	25	4.5	0.5 / 0.75
FF-S-0017 FF-S-0017 (ULC)	2 2	+/-25 +/-12.5	+/-0 +/-0	DynaTred DynaFlex	UltraBlock UltraBlock	3 3	25 25	4.5 4.5	0.5 / 2 0.5 / 2
FF-S-1007	3	+/-50	+/-0	Dynatrol II	Ultra Block	4	25	4.5	0.5 / 3
FF-S-1010 FF-S-1010 (ULC)	4	+/-12.5	+/-0	AC-20 FTR	Ultra Block	6	25	6.0	0.5 / 4
FF-D-1033 FF-D-1033 (ULC)	1	+/-50	+/-25	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
FF-D-1034 FF-D-1034 (ULC)	4	+/-50	+/-8.33	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
FF-S-2002 FF-S-2002 (ULC)	2	+/-12.5	+/-0	AC-20 FTR	Ultra Block	3	25	4.5	0.5 / 7
FF-D-1215 FF-D-1215 (ULC)	3	+/-50	+/-14	Dynatrol I-XL Hybrid	Mineral Wool	4.25	56	4.5	0.25 / 3.5
WALL-TO-WALL JOINTS									
WW-S-0010 WW-S-0010 (ULC) Configuration # 1	2	+/-50 +/-50	+/-0	Dynatrol II or 864NST	Ultra Block	3	25	4.5	0.5 / 0.75
WW-S-0010 WW-S-0010 (ULC) Configuration # 2	2	+/-50 +/-12.5	+/-0	Dynatrol II or AC-20 FTR	Ultra Block	1	25	4.5	0.5 / 0.75
WW-S-0021 WW-S-0021 (ULC)	2 2	+/-50 +/-12.5	+/-0 +/-0	DynaTred DynaFlex	UltraBlock UltraBlock	3 3	25 25	4.5 4.5	0.5 / 2 0.5 / 2
WW-S-0038 WW-S-0038 (ULC)	3	+/-50	+/-0	Dynatrol II or 864NST	Mineral Wool	3	25	4	0.5 / 1
WW-D-1244 WW-D-1244 (ULC)	3	+/-50	+/-14	Dynatrol I-XL Hybrid	Mineral Wool	4.25	56	4.75	0.25 / 3.5



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System #	Fire Rating Hours	% Movement		Pecora Sealant	Joint Backing	Minimum Depth of Backing, inches	Firestop Compression Factor, % Minimum	Minimum Concrete Thickness, Inches	Min./Max. Joint Width, inches
		Sealant	System						
WALL-TO-WALL JOINTS (CONT.)									
WW-S-1008 WW-S-1008 (ULC)	3	+/-50	+/-0	Dynatrol II	Ultra Block	4	25	4.5	0.5 / 3
WW-S-2008 WW-S-2008 (ULC)	2	+/-12.5	+/-0	AC-20 FTR	Ultra Block	3	25	4.5	0.5 / 7
WW-S-1012 WW-S-1012 (ULC) Configuration #1	4	+/-12.5	+/-0	AC-20 FTR	Ultra Block	6	25	6	0.5 / 4
WW-S-1012 WW-S-1012 (ULC) Configuration #2	4	+/-50	+/-25	AC-20 FTR	Ultra Block	6	25	7	0.5 / 4
WW-D-1034 WW-D-1034 (ULC)	1	+/-50	+/-8.33	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
WW-D-1035 WW-D-1035 (ULC)	4	+/-12.5	+/-0	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
WW-D-1244 WW-D-1244 (ULC)	3	+/-50	+/-14	Dynatrol I-XL Hybrid	Mineral Wool	4.25	56	4.75	0.25 / 3.5
FLOOR-TO-WALL JOINTS									
FW-D-1030 FW-D-1030 (ULC)	1	+/-50	+/-25	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
FW-D-1031 FW-D-1031 (ULC)	4	+/-50	+/-8.33	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
FW-S-0011 FW-S-0011 (ULC)	2 2	+/-50 +/-12.5	+/-0 +/-0	Dynatrol II AC-20FTR	UltraBlock UltraBlock	3 3	25 25	4.5 4.5	0.5 / 0.75 0.5 / 0.75
FW-D-1139 FW-D-1139 (ULC)	3	+/-50	+/-14	Dynatrol I-XL Hybrid	Mineral Wool	4.25	56	4.5	0.25 / 3.5
HEAD-TO-WALL JOINTS									
HW-D-1030 HW-D-1030 (ULC)	1	+/-50	+/-25	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
HW-D-1031 HW-D-1031 (ULC)	4	+/-50	+/-8.33	Dynatrol II	Mineral Wool	4	50	4.5	0.5 / 3
HW-S-0072 HW-S-0072 (ULC)	2 2	+/-50 +/-12.5	+/-0 +/-0	Dynatrol II AC-20FTR	UltraBlock UltraBlock	3 3	25 25	4.5 4.5	0.5 / 0.75 0.5 / 0.75
HW-D-1149 HW-D-1149 (ULC)	3	+/-50	+/-14	Dynatrol I-XL Hybrid	Mineral Wool	4.25	56	4.5	0.25 / 3.5



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EXTERIOR WALL SYSTEMS and COMPONENTS ^{1, 2}															
System #	Base Wall	Gypsum Board		Exterior Wall System Component		Foam Insulation	Masonry Veneer Anchors	Steel Lintel	Window System				Mineral Wool	Exterior Finishing	Window Flashing
		Interior	Exterior	Fluid Applied Flashing	Air, Vapor, and Water Resistive Barrier				Jamb & Sill Framing	Header Extension	Forming Material	Exterior Wall Component – Metal Framing Silicone Sealant			
EWS0024	Steel Studs, Cast Concrete Wall or CMU	5/8" thick, 4 ft wide (CKNX certified)	Exterior grade glass mat eathing (CKNX certified)	Pecora XL-Flash	Pecora XL-Perm ULTRA VP	Extruded polystyrene insulation board (BRYX certified)	1 – 4" self-drilling type	¼" thick steel angle	Fire retardant treated lumber (BPW certified)	Treated plywood (BUGV certified)	Min. 2.5" thick mineral wool (XHKU certified)	Pecora AVB Silicone Sealant	Min. 8" thick, 4 pcf mineral batt insulation	Exterior Brick Veneer, Concrete, CMU, Stone Veneer, Terracotta Cladding Stucco	0.080" thick aluminum or 25 ga steel flashing

¹ Exterior Wall System certified by UL per ANSI/NFPA 285 "Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components".

² The information contained in this document is intended as a general guideline for the installation of Pecora UL & ULC certified firestop joint systems. Please refer to specific UL Online Certifications Directory or contact Pecora Technical Service at 1-800-523-6688 for further details on specific design parameters for the installation of Pecora firestop joint systems.

