

CONNECTION STRENGTH (SEISMIC)				PHYSICAL DATA – FOR ENVIRONMENTAL SYSTEMS					
				MAIN BEAM LOAD TEST DATA:					
MAIN BEAMS	CROSS TEES	LBS. TO PULL OUT		Main Beam	Length	Web Height	ASTM Class	Hanger Spacing (Lbs./LF. Simple Span)	
		COMPRESSION	TENSION					4'	5'
PRELUDE PLUS 7200	-	375.0	332.0	<b>PRELUDE PLUS</b>					
				HD-7200	144"	1-1/2"	Intermediate-duty	14.4	6.48
HD PRELUDE PLUS HD-7200	-	390.7	340.6	<b>PRELUDE PLUS FIRE GUARD</b>					
				HD-8200	144"	1-1/2"	Intermediate-duty	14.01	
HD PRELUDE PLUS FIRE GUARD HD-8200	-	390.7	340.6	HD-8201	144"	1-1/2"	Heavy-duty	16.81	
				<b>AL PRELUDE PLUS</b>					
				AL-7200	144"	1-1/2"	Light-duty	8.6	3.4
	HD PRELUDE PLUS HD-7210, HD-7220, HD-7230 HD-7240, HD-7250, HD-7255 HD-7256, HD-7260, HD-7270 HD-7290	330.0	305.3	<b>SS PRELUDE PLUS</b>					
				SS-7200	144"	1-1/2"	Intermediate-duty	12.6	6.48
	HD PRELUDE PLUS FIRE GUARD XL-8223	500+	257.0						
	XL-8240	500+	291.0						
	AL PRELUDE PLUS AL-7220, AL-7240	276.4	131.7						

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<b>CROSS TEE LOAD TEST DATA:</b>			
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<b>Cross Tee</b>	<b>Length</b>	<b>Web Height</b>	<b>Lbs./LF. (Simple Span)</b>
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<b>PRELUDE PLUS</b>			
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XL-7228	24"	1-1/2"	55.71
XL-7240	48"	1-1/2"	13.34

<b>PRELUDE PLUS FIRE GUARD</b>			
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XL-8223	24"	1-1/2"	55.71
XL-8240	48"	1-1/2"	13.34

<b>AL PRELUDE PLUS</b>			
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AL-7220	24"	1-1/2"	39.1
AL-7240	48"	1-1/2"	8.6

<b>SS PRELUDE PLUS</b>			
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SS-7220	24"	1-1/2"	120.1
SS-7240	48"	1-1/2"	14.9