

Fire & Smoke Rated Assembly Verify & Comply Submittal

UL 2079 Product Certification & Joint Deflection Design/Spec

(Fill in Shaded Areas)

<i>Certification Info - (UL Listing Header)</i>			<i>Project Design - Specifications</i>		
UL Listing:		<i>Cert</i>	Project:		<i>Spec</i>
Nominal (Install) Joint Width Limit	<i>IGL</i>		Deflection E.O.R (+/- overall)	<i>DEF</i>	
Movement Capability: (see chart) (Class I, II, III)	<i>MC</i>		<i>Project</i> Movement Capability or Building Zone Rating (Class I, II, III)	<i>PMC</i>	
Extension - (Multi-Story lowest %)	<i>EXT</i>		Architectural Design Gap	<i>ADG</i>	
Compression - (Single Story)	<i>COMP</i>				

<i>Product/System – Movement Required Verification</i>	<i>Cert</i>	<i>Spec</i>
Movement Capability (MC) = (Class I, II, or III)		
If “MC” < “PMC” – Non-Compliance, Team Review		

<i>Product/System – Overall Certified Max. DEF (Deflection)</i>	<i>ADG</i>	<i>EXT/COMP</i>	<i>Max. DEF</i>
<i>Multi-Story</i> (Comp. + Ext.) = $ADG \times EXT \times 2$			
<i>Single-Story</i> (Comp. Only) = $ADG \times COMP$			
If “Max DEF” < “DEF” – Non-Compliance, Team Review			

<i>Movement Capability – Zone Rating Definitions</i>		
Class I	Thermal	500 cycles – 1 cycle/min
Class II	Wind Sway	500 cycles – 10 cycle/min
Class III	Seismic	500 cycles – 30 cycle/min

Conversion Chart	
1/4”	.250
3/8”	.375
1/2”	.500
5/8”	.625
3/4”	.750

Submitted By: _____ (Print) _____ Date: ___/___/___

Company: _____