

Fire, Smoke, & Sound Joints

Install Joint & Protection - Verify & Comply

<i>Product/System</i>	<i>Third-Party or other Certification</i>		<i>Project Requirements</i>		
Product: CP 606	HW-D-0931		Project: Sample		
Movement Capability %	<i>MC%</i>	18.75%	Structural Deflection per E.O.R:	<i>DEF</i>	.75"
<i>Max</i> Install Gap (<i>Deflection Joint</i>)	<i>MIG</i>	1.50"	Framing (Stud) – Install Gap (min.)	<i>FIG</i>	.75"
Cycle Rating (I, II, or III)	<i>CR</i>	III	Drywall Install Gap (<i>DEF</i> ÷ <i>MC%</i>)	<i>DIG</i>	4.00"

- **FIG** - Framing (Stud) Install (min.) Gap to accommodate Deflection: **.75"**

- **DIG** - Drywall Install Gap to accommodate Joint Protection: **4.00"**

- **Multi-Story** - Over-All Joint Protection Gap (up/down) = *DEF* x 2 **1.50"**

IF DIG > MIG = non-compliant

	<i>Company</i>	<i>Signature</i>	<i>Print</i>	<i>Date</i>
<i>Architect</i>				
<i>General Contractor</i>				
<i>Drywall Installer</i>				
<i>Joint Seal Installer</i>				
<i>Code Official</i>				
<i>MEP-Fire Consultant</i>				
<i>Acoustical Consultant</i>				

Span x 12in ÷ Load Limit = Deflection

Example: 20ft x 12in ÷ L/240 = 1.00" (one way compression)

Framing (Stud) Deflection Gap (**FIG**) = **1.00"**

Drywall Installed Gap (**DIG**) Multi-Story Joint Protection Required = **2.00"**