



















# Classification of Continuous Insulation Z-Girts

CODE-COMPLIANT Thermally Broken Systems			NOT CODE-COMPLIANT Legacy System
CLASS I Composite metal hybrid Z-girts	CLASS II Perforated thermal metal Z-girts	CLASS III FRP Z-girts	Steel Z-girts
 <b>HIGH</b> structural capacity	 <b>MODERATE</b> structural capacity	 <b>LOW</b> structural capacity	 <b>HIGH</b> structural capacity
 <b>LONG-TERM</b> structural performance	 <b>LONG-TERM</b> structural performance	 <b>TEMPORARY</b> structural performance	 <b>LONG-TERM</b> structural performance
 <b>PERMANENT</b> connections	 <b>PERMANENT</b> connections	 <b>UNAVOIDABLE FAILURE</b> at connections	 <b>PERMANENT</b> connections
 <b>HIGH</b> static thermal performance	 <b>MODERATE</b> static thermal performance	 <b>HIGH</b> static thermal performance	 <b>LOW</b> static thermal performance
 <b>YES</b> eliminates thermal bypass	 <b>NO</b> eliminates thermal bypass	 <b>NO</b> eliminates thermal bypass	 <b>NO</b> eliminates thermal bypass
 <b>PASS</b> NFPA 285	 <b>PASS</b> NFPA 285	 <b>MODERATE</b> NFPA 285	 <b>PASS</b> NFPA 285



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