

# Precision Points

# Firestopping 02

078000

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## Rated Wall Against Non-Rated Steel

There are some listed and tested systems with a fire rated joint against a non-rated floor above.

One location is listed under UL category “**XHBO**” in the UL IQ website

[Product iQ | UL Solutions](#)



**Typically, we cannot install a rated wall up against a non-rated steel beam or column.** The system will not comply with UL 2079/ASTM E1966, which limits the temperature rise on the other side of the wall to 325° F + temperature of the room. **UNPROTECTED STEEL WILL ALWAYS FAIL THIS TEMPERATURE RISE PORTION OF THE TEST.**



If unrated steel elements are above or adjacent to a rated wall, **the steel elements will need to be rated the same as the wall to be code compliant and have a listed and tested assembly**

Always review your STEEL drawings with your fire rated walls. If you have unprotected steel in the design, such as Beams, Columns, Bracing, Elevator Shafts, shafts. etc. you will likely need to fireproof the steel to have a compliant wall rating.

*Review UL Solutions “Firestop and Joint System Application Guide” for more information and requirements.*