

TECHNICAL BULLETIN

SUBJECT: Open Channel Seat Bracket Connections

SERIES #: 102

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Many manufacturers utilize an exposed channel seat bracket mounting system, which has increased long-term failure risk



This mounting system is difficult to inspect and maintain. Many of the clips used in these channels vibrate loose over time resulting in a dangerous condition where seat brackets are susceptible to failure.

While this method is an accepted standard for mounting individual chair stanchions, when introduced to a longer spanning rail system, or with an aluminum bench, the seat brackets are spaced further apart resulting in a much higher load on the nut in the channel increasing the likelihood of failure.

A preferred seat bracket mounting system involves a direct structural connection to the steel behind the vertical riser surface.