

TECHNICAL BULLETIN



SUBJECT: Safe Soldering Distance

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Sioux Chief Manufacturing's StrongArm™ with LockBlock™ bracketing system is designed to rigidly secure any type of CTS stub out.

The system is composed of a pair of unique galvanized brackets with either one or two pre-installed LockBlock™ devices. Once the brackets are mounted to the studs and the blocks positioned, insert stub out(s) into block and secure with screws. Tighten the screws completely to prevent lateral movement along the brackets and rigidly secure the stub out.

In applications where copper stub outs are installed then later cut off and cleaned to install a valve, for example a hose bibb, and soldering is necessary, we recommend the following:

- 1) The minimum safe soldering distance on ½" LockBlocks is 4".
- 2) When installing ¾" or 1" blocks, Sioux Chief recommends the use of wet dam or rag directly in front of the LockBlock™ to prevent heat from transferring through the tube to the block, potentially melting the block.

If the block melts and there is noticeable movement of the stub out, the melted LockBlock™ should be replaced.

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