Pipes
80% LESS DISTORTION occurred from the Meta-Lax weld conditioned pipe (bottom) than the "normal" welded pipe (top). Pipes were about 3-in. diameter, 6-ft. long with a 1/2-in square bar welded in 6 places.

Bonding Fixtures
69% LESS DISTORTION in this side-by-side comparison was achieved due to Meta-Lax weld conditioning vs. thermal stress relief.

The MLWC 6061-T6 aluminum fixture distorted .161-in. after being saw cut, while

Cross Members
LESS HEAT INPUT (amps) is needed to achieve high quality welds, thereby reducing adverse heat side effects, distortion, and cracking. The "B" cross member was Meta-Lax weld conditioned, while the "N" was welded as normal.

Note the difference in the heat affected zone. The Meta-Lax weld conditioned HAZ is metallurgically desired.