



TECHNICAL BULLETIN

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Factory Mutual Approval Trap-Tee

McElroy Metal, Inc. has satisfied all requirements for **Factory Mutual Research Standard 4471** on its Trap-Tee panel. The panel must be installed as specified in the CONCLUSIONS of the FM report. The following is a summary of the approval report and the classifications issued. Please note Factory Mutual requires the substrate to be the main supporting structural roof member. It may not be a subpurlin or a furring member unless specifically called out.

Roof Nav Assembly Number	Classification	Panel Width	Minimum Gauge	Panel Yield Strength (Min)	Minimum Substrate	Substrate Yield Strength (Min)	Substrate Spacing	Clip Type	Fasteners
573222-0-0 ¹ 573223-0-0 ²	1-75	18"	24	50 ksi	16 Ga. Steel	50 ksi	5'-0" MAX	Standard or Retro, 16ga	(2) ¼-14 SD
573224-0-0 ¹ 573225-0-0 ²	1-120	18"	24	50 ksi	16 Ga. Steel	50 ksi	2'-6" MAX	Standard or Retro, 16ga	(2) ¼-14 SD
573226-0-0 ¹ 573227-0-0 ²	1-90	18"	24	50 ksi	16 Ga. steel	50 ksi Min.	5'-0" MAX	Super or Super Retro, 16ga	(2) ¼-14 SD
573228-0-0 ¹ 573229-0-0 ²	1-150	18"	24	50 ksi	16 Ga. steel	50 ksi Min.	2'-6" MAX	Super or Super Retro, 16ga	(2) ¼-14 SD
573230-0-0 ¹ 573231-0-0 ²	1-165	18"	22	50 ksi	16 Ga. Steel	50 ksi Min	5'-0" MAX	Super or Super Retro, 16ga	(3) ¼-14 SD
573232-0-0 ¹ 573233-0-0 ²	1-105	24"	22	50 ksi	16 Ga. steel	50 ksi Min	5'-0" MAX	Super or Super Retro, 16ga	(3) ¼-14 SD

1. Optional Factory Mutual Research Approved faced glass fiber insulation may be placed between the panel and the substrate.
2. Optional U-Panel liner
3. Optional minimum 1.5" and maximum 12.5" AC Foam insulation or up to 9.5" glass fiber insulation.

Report No. : PR469312

Dated: February 7, 2025

MANUFACTURING LOCATIONS

ADELANTO, CA ASHBURN, GA BOSSIER CITY, LA CLINTON, IL DIAMOND, MO HOUSTON, TX LEWISPORT, KY
LOCKHART, TX MARSHALL, MI MAUSTON, WI MERKEL, TX PEACHTREE CITY, GA SUNNYVALE, TX WINCHESTER, VA