



# TECHNICAL BULLETIN

Issue Date : August 16, 2016

No. 04-404-16

## Factory Mutual Approval 238T

On April 28, 2009, McElroy Metal, Inc. satisfied all requirements for **Factory Mutual Research Standard 4471** on its 238T 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.

### Classification: 1-75 (Uses standard 16 ga clips)

Roof Nav Assembly Number	Panel	Minimum Gauge	Min Panel Yield Strength	Minimum Substrate	Substrate Yield Strength	Substrate Spacing	Fasteners
240873-0-0	238T	24	50 ksi	16 Ga. steel Roofhuggers	50 ksi Min.	5'-0" MAX	(2) ¼-14 SD
241354-0-0	238T	24	50 ksi	16 Ga. steel	50 ksi Min.	5'-0" MAX	(2) ¼-14 SD

\*Optional Factory Mutual Research Approved faced glass fiber insulation may be placed between the panel and the substrate.

### Classification: 1-195 (Uses 22 Ga. Continuous Clips)

Roof Nav Assembly Number	Panel	Minimum Gauge	Min Panel Yield Strength	Minimum Substrate	Substrate Yield Strength	Substrate Spacing	Fasteners
241719-0-0	238T	24	50 ksi	16 Ga. steel Roofhuggers	50 ksi Min.	5'-0" MAX	(2) ¼-14 SD
241729-0-0	238T	24	50 ksi	16 Ga. steel	50 ksi Min.	5'-0" MAX	(2) ¼-14 SD

\*Optional Factory Mutual Research Approved faced glass fiber insulation may be placed between the panel and the substrate.

Report No. : 3033681

Dated: April 28, 2009

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