



TECHNICAL BULLETIN

Issue Date : June 27, 2000**Revised: August 16, 2016****No. 04-117-00**

Factory Mutual Approval Maxima 216 & Maxima 218

On June 1, 2000, McElroy Metal, Inc. satisfied all requirements for **Factory Mutual Research Standard 4471** on its Maxima 216 and Maxima 218 panels. The panels 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.

Classification: 1-90

Roof Nav Assembly Number	Panel	Minimum Gauge	Min Panel Yield Strength	Minimum Substrate	Substrate Yield Strength	Substrate Spacing	Fasteners
22-0-0	Maxima 218	24	50 ksi	ASTM 570 16 Ga. steel	50 ksi Min.	5'-0" MAX	(2) ¼-14 SD
874-0-0	Maxima 216	24	50 ksi	ASTM 570 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: 1-165

Roof Nav Assembly Number	Panel	Minimum Gauge	Min Panel Yield Strength	Minimum Substrate	Substrate Yield Strength	Substrate Spacing	Fasteners
26-0-0	Maxima 218	22	53 ksi	ASTM 570 16 Ga. steel	50 ksi Min.	2'-6" MAX	(2) ¼-14 SD
25-0-0	Maxima 216	22	53 ksi	ASTM 570 16 Ga. steel	50 ksi Min.	2'-6" 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. : 3007455

Dated: June 1, 2000

**CORPORATE OFFICE
SHREVEPORT, LOUISIANA**BOSSIER CITY, LA
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