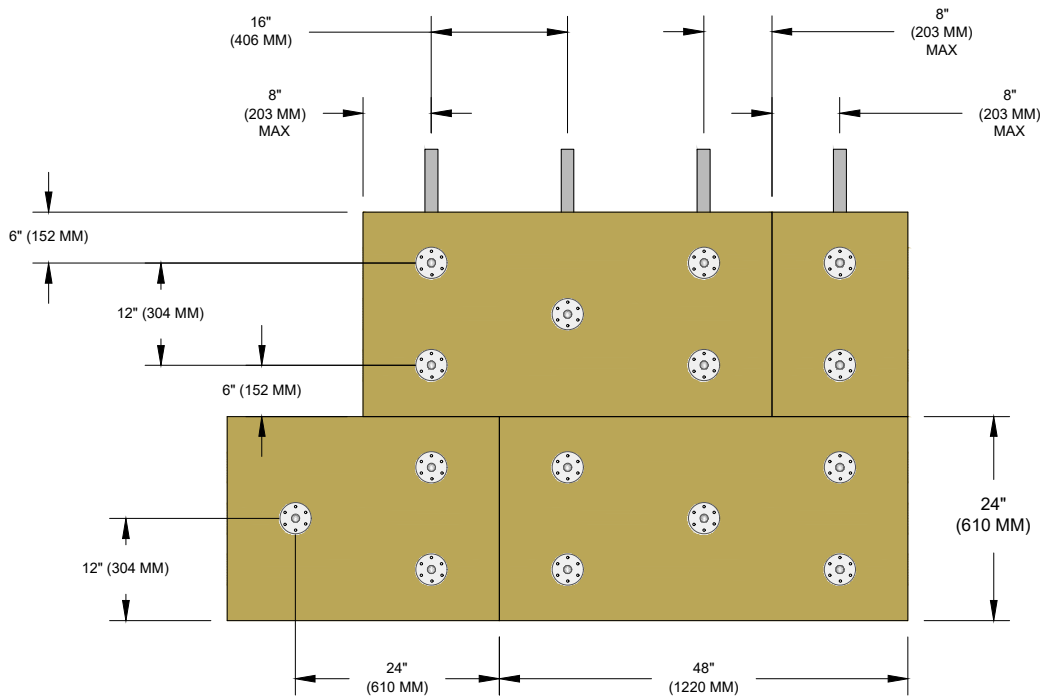


## MECHANICAL FASTENING - 5 FASTENER PATTERN



### DRYVIT OUTSULATION MINERAL WOOL (OMW) EIFS

#### NEGATIVE WIND LOAD RESULTS (ASTM E330)

MINERAL WOOL TYPE	MINERAL WOOL THICKNESS	FASTENER AND WASHER TYPE	FASTENERS / 2' X 4' BOARD	NEGATIVE WIND LOAD @ MAXIMUM ALLOWABLE DEFLECTION (1/240 TIMES THE SPAN)			ULTIMATE NEGATIVE WIND LOAD @ FAILURE	
				psf PRESSURE	kPa PRESSURE	mph VELOCITY	psf PRESSURE	mph VELOCITY
<b>DUAL DENSITY</b>	3"	JT2-ST2 / STR-H COUNTERSUNK	6	-121 psf	-5.70 kPa	217 mph	-170 psf	258 mph
		JT2-ST2 / STR-H COUNTERSUNK	9	-103 psf	-4.93 kPa	203 mph	-103 psf	203 mph
		JT2-ST2 / VT 2G SPREADER WITH STR-H - COUNTERSUNK	5	-139 psf	-6.66 kPa	233 mph	-190 psf	272 mph
<b>MONO DENSITY</b>	2"	JT2-ST2 / SBH-T 2G SURFACE FLUSH	6	-129 psf	-6.18 kPa	224 mph	-150 psf	242 mph
		JT2-ST2 / SBH-T 2G SURFACE FLUSH	9	-139 psf	-6.66 kPa	233 mph	-170 psf	258 mph
	3"	JT2-ST2 / STR-H COUNTERSUNK	6	-160 psf	-7.66 kPa	250 mph	-170 psf	258 mph
		JT2-ST2 / STR-H COUNTERSUNK	9	-156 psf	-7.47 kPa	247 mph	-210 psf	286 mph

**NOTE:**

- |  |   |   |
|--|---|---|
| <p>1. TESTED WALL ASSEMBLY: 6" X 18 GA. @ 16" OC METAL FRAME, 5/8" TREMCO SECUROCK EXOAIR 430 GYPSUM SHEATHING, NO. 6 X 1-1/4" SCREWS AT 6" OC - VERTICAL, 8" OC - HORIZONTAL.</p> <p>2. MINERAL WOOL BASED ON FRONTRUCK™ AS MANUFACTURED BY ROCKWOOL. INSTALLATION INCLUDES VERTICAL NOTCH TROWEL ADHESIVE.</p> <p>3. MECHANICAL FASTENER, WASHER TYPE, MINERAL WOOL PLUG AND COUNTERSUNK SETTING TOOL AS MANUFACTURED BY EJOT.</p> <p>4. REFER TO OMW 7 FOR MECHANICAL FASTENER, WASHER PLATE, AND INSTALLATION OPTIONS.</p> | <p>5. NEGATIVE WIND LOAD @ L/240 DEFLECTION LIMIT AND ULTIMATE NEGATIVE WIND LOAD @ FAILURE RESULTS DO NOT INCLUDE A SAFETY FACTOR.</p> <p>6. SCREW FASTENER PENETRATION INTO FRAMING, CONCRETE OR CMU SHALL BE AS REQUIRED BY MECHANICAL FASTENER MANUFACTURER.</p> <p>7. ALLOW ADHESIVE TO DRY IN ADVANCE OF INSTALLING FASTENERS. SPOT FASTENER/WASHER WITH DRYVIT GENESIS® BASE COAT. SUPPORT MINERAL WOOL INSULATION BOARD, AS REQUIRED, WHILE ADHESIVE DRIES.</p> <p>8. ADDITIONAL FRAMING MEMBERS MAY BE REQUIRED TO ACCOMMODATE</p> | <p>MECHANICAL FASTENER LAYOUT AND DIMENSIONAL REQUIREMENTS. COORDINATE WITH FRAMING SUB-CONTRACTOR.</p> <p>9. DESIGN PROFESSIONAL OF RECORD SHALL BE SOLELY RESPONSIBLE FOR INTERPRETATION AND STRUCTURAL DESIGN INCLUDING SELECTION OF INSULATION TYPE AND THICKNESS, FASTENER TYPE AND WASHER PLATE COMBINATION AND FASTENING PATTERN AS REQUIRED TO ADDRESS SPECIFIC PROJECT REQUIREMENTS.</p> <p><small>The architecture, engineering, and design of the project using the Dryvit and Tremco products are the responsibility of the project's design professional. All products and systems must comply with local building codes and standards. This detail is for general information and guidance only and Dryvit and Tremco specifically disclaims any liability for the use of this detail. The project design professional determines, in its sole discretion, whether this detail or a functionally equivalent detail is best suited for the project. This detail is subject to change without notice. Contact Dryvit and Tremco to ensure you have the most recent version.</small></p> |
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Dryvit Technical Support: 800-556-7752

Detail: Mechanical Fastener Pattern 5 and Load Tables

Drawn by: HDE    Checked by: KK BD    Scale: NTS    Date: 11/2022

File Name:

OMW 6a

