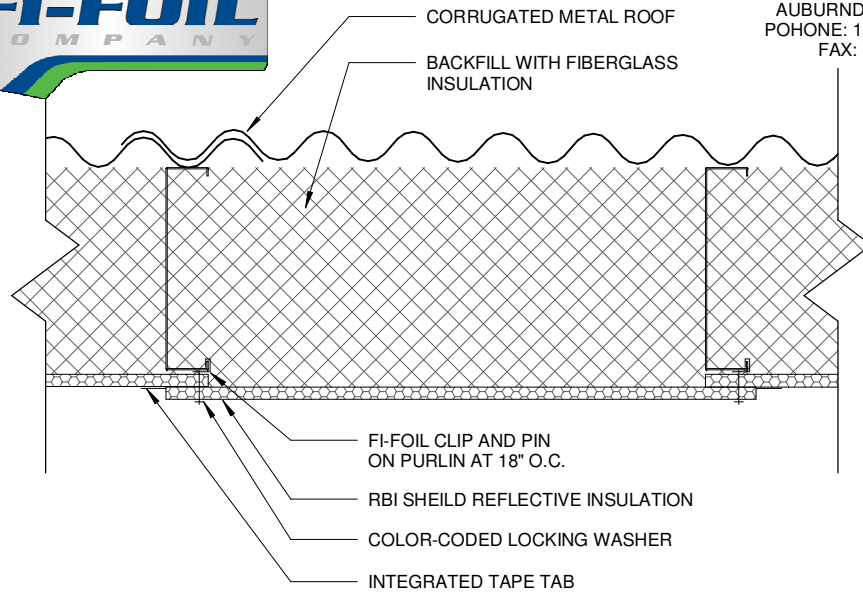




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RETROSHIELD WITH WHITE EXPOSED	DIRECTION OF HEAT FLOW	VALUE OF FIBERGLASS INSULATION**	ADDED R-VALUE WITH RETROSHIELD SYSTEM	TOTAL R-VALUE
ROOF - SUMMER	DOWN	R-19	R-1.92	R-20.92
ROOF - WINTER	UP	R-19	R-1.61	R-20.61
WALLS - SUMMER AND WINTER	HORIZONTAL	R-19	R-1.68	R-20.68

RETROSHIELD WITH ALUMINUM EXPOSED	DIRECTION OF HEAT FLOW	VALUE OF FIBERGLASS INSULATION**	ADDED R-VALUE WITH RETROSHIELD SYSTEM	TOTAL R-VALUE
ROOF - SUMMER	DOWN	R-19	R-5.55	R-24.55
ROOF - WINTER	UP	R-19	R-2.32	R-21.32
WALLS - SUMMER AND WINTER	HORIZONTAL	R-19	R-2.70	R-21.70

*INCLUDES R1 FOR RBI BUBBLE PLUS ASHRAE AIR FILM COEFFICIENT FOR NON-REFLECTIVE 0.90 (WHITE) AND REFLECTIVE 0.05 (ALUMINUM) EXPOSED. 2013 ASHRAE HANDBOOK OF FUNDAMENTALS, CHAPTER 26, SECTION 26.20, TABLE 10, SURFACE FILMS COEFFICIENT/RESISTANCES.
 **R-19 FIBERGLASS INSULATION CAN BE SUBSTITUTED FOR OTHER R-VALUE INSULATION, AND THE R-VALUE FOR RETROSHIELD SYSTEM WILL REMAIN THE SAME.

RETROSHIELD SYSTEM INCLUDES:
 1. RBI SHIELD REFLECTIVE INSULATION
 2. CLIP AND PIN COMPONENTS
 SYSTEM AVAILABLE EXCLUSIVELY FROM FI-FOIL COMPANY, INC.

NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

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Issued Date	10/2019
Metal Building with RBI Shield Backfilled with Fiberglass Insulation	