

INSUL-TEE Systems - Trap-Tee



- ♦ *Purlin Stabilization*
- ♦ *Continuous Insulation*
- ♦ *High R-Values*
- ♦ *Individual Panel Replace-Ability*

McElroy Metal's INSUL-TEE System provides specifiers and building owners an economical and flexible way to add the required, or desired, amount of insulation to the roof assembly on a metal building. The INSUL-TEE system is ideal for both remove and replace applications and new constructions.

INSUL-TEE System

Remove and Replace Advantages:

- ♦ The 2018 IECC (SECTION C503 ALTERATIONS) states that remove and replace roofing projects need to comply with current R-value requirements. Adherence to the 2018 code often requires the addition of substantial R-value that simply can't be accomplished with batt insulation due to space limitations in the existing roofing assembly cavity.
- ♦ The INSUL-TEE system eliminates batt insulation and utilizes a sleek light gauge liner panel over purlins which are topped with continuous, rigid insulation. This system provides a much higher R-value per inch without the breaks or compression normally experienced with batt insulation applications installed over or between purlins. INSUL-TEE can accommodate up to 6" of rigid insulation if desired!



INSUL-TEE System offers a long-lasting alternative that looks great inside and out!

INSUL-TEE Systems

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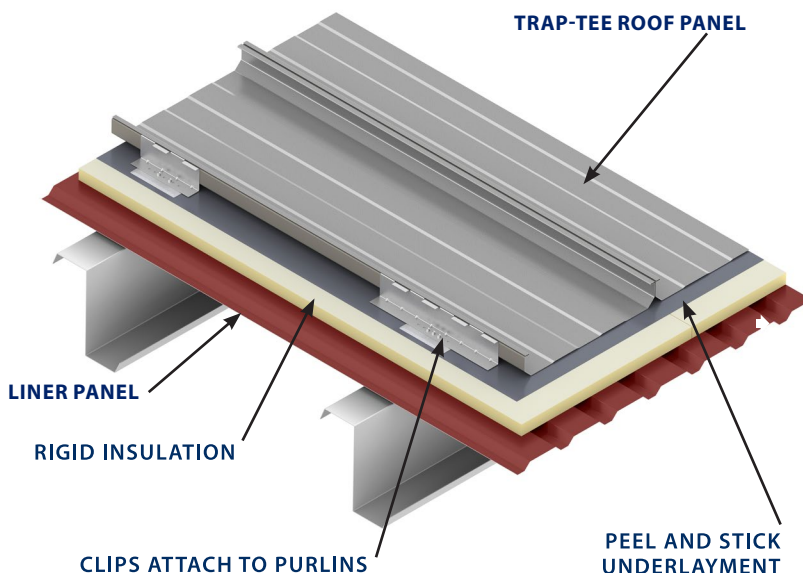
Remove and Replace Advantages:

- ◆ Liner panel with rigid insulation enhances worker safety.
- ◆ For improved weathertightness performance, peel and stick underlayments are easily applied over rigid insulation.
- ◆ The TRAP-TEE roof system attaches through the insulation into the purlins below. Extremely high wind uplift resistance can be achieved without additional purlins using our special Multi-span Clips.
- ◆ Creates a prefinished, clean metal deck on the underside that can be perforated for noise control.

New Construction Advantages:

- ◆ Liner panel with rigid insulation enhances worker safety.
- ◆ Practical system to meet 2018 IECC Code.
- ◆ Economical way to use less expensive metal building components and still achieve the compressed construction schedule of conventional Bar Joist/Metal Deck applications.
- ◆ Innovative and practical system to create a metal deck and ISO assembly on a metal building.
- ◆ By eliminating end laps, an INSUL-TEE system is a great alternative to insulated metal roof panel runs.

Trap-Tee System



Trap-Tee System

McElroy Metal's Trap-Tee Symmetrical Standing Seam System Advantages for Both Retrofit and New Construction Applications:

- ◆ Unmatched wind uplift resistance on open purlins.
- ◆ No interruptions in seam sealant means the industry's most water tight seam design.
- ◆ Symmetrical design allows for individual panel replaceability.
- ◆ No end laps to leak.

FM Assembly Numbers:

- 573223-0-0
- 573225-0-0
- 573227-0-0
- 573229-0-0
- 573231-0-0
- 573233-0-0



www.mcelroymetal.com
info@mcelroymetal.com