

# 138T Shingle Recover System

## **McElroy Metal's 138T Shingle Recover System provides a long-term and economical solution for building owners.**

138T's symmetrical standing seam panel offers many advantages including: ease of installation, individual panel replaceability and improved weathertightness. This innovative system installs directly over existing shingles without tear off or underlayment. Patented clips create an energy saving airspace between the two roofs.

### **138T Shingle Recover System offers:**

- + **Ease of installation**
- + **No tear off / disposal of existing roof**
- + **No underlayment required**
- + **Decades long service life**
- + **Reduced utility expense**



**Quicker  
Payback**



# 138T Shingle Recover System

## No Tear-Off Required

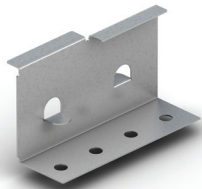
As long as the deck is serviceable, there is no need for the added expense and hassle of removing and disposing of the existing shingles (please check with your local code authority to determine if one or two layers of shingles are allowable for recover). Because the **138T** clip creates airspace between the existing and new roof, the added expense of applying an underlayment is eliminated.

## 138T Recover Clip

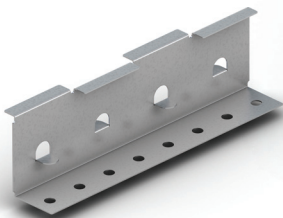
Clip alignment is the key to a proper installation of a standing seam recover over shingles. The patent pending **138T** clip is long enough to sit on two shingles simultaneously. This feature aligns the clip into the plane of the roof. The clip also holds the panel up 3/4" above the existing roof. Even with this 3/4" gap, the panels are walkable without causing damage. The system also features vented eave and ridge components, which when combined with the **138T** clip, enables uninterrupted airflow between the existing and new roof.

## Above Sheathing Ventilation (ASV)

Utilizing an air space to help reduce heat transfer is not new. Oak Ridge National Laboratories has tested and documented that a free flowing air space between a metal roof and shingles can reduce heat transfer by 25%. Up until now, the common method to provide ASV was to install a series of vertical and horizontal framing members which greatly increased material and labor expense. The **138T** Shingle Recover clip eliminates all framing and allows unencumbered airflow in all directions. Although this recover system was designed for retrofit applications, it is equally suitable for new construction.



4" ASV clip



8" shingle recover clip with ASV



138T with "Plank and Pencil Rib"



The patented 138T Shingle Recover Clip is installed with two fasteners into the existing substrate and allows for a 3/4" airspace between existing and new roofs.



Image shows clip seated on two shingles with fasteners through lower ends of the shingles.



Corrugated sheeting installed at the ridge allows for continuous air flow between the existing and new roof while providing support for the panel and closure.



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\* 4" ASV clip for new construction or remove and replace