

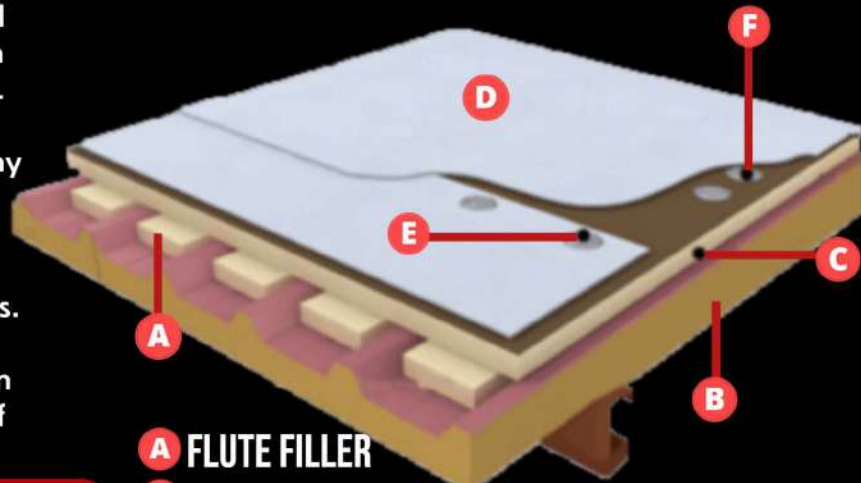
# METAL ROOF RETROFIT



Dunlop Roofing  
& Manufacturing

## THE SCOOP ON LEAKY METAL ROOFS

Metal buildings utilize a lightweight structural steel support system, and the end result is that there is a tremendous amount of movement in the structure. Over time the fasteners and weather stripping deteriorate attributing to the development of many leaks. Materials traditionally utilized to stop the leaks are not effective and are a never-ending battle to mitigate. These leaks are not only a nuisance but can hamper your business operations. Dunlop Roofing & Manufacturing offers free roof inspections and evaluations. An upfront evaluation is essential in order to determine appropriate roof solutions.



## YOUR SOLUTION: A METAL ROOF RETROFIT

By installing a light weight TPO heat welded membrane over the metal roof panels, you are able to bypass and eliminate all of the components that are deteriorating. We offer two retrofit options:

**1** Install additional flute fill insulation and a top board comprised of two layers of insulation. By doing so, this option converts your roof into a conventional flat roof and ADDS approximately an additional R-10 value to the roof with a standard R panel. The R-Value is a measure of insulation's ability to resist heat traveling through it.

**2** A TPO membrane can be fully adhered to the existing metal roofing. This process is achieved by removing and replacing the existing hex head fasteners and replacing them with a smoothly rounded pan hex screw so as to not damage the TPO membrane. This option does not utilize insulation. While not all metal buildings, most metal buildings have fiberglass insulation on the underside of the building's roof. This retrofit is a very cost-effective solution to immediately eliminating all roof leaks. The TPO membrane bypasses all of the metal roofing components that contribute to a leaky roof.

- A** FLUTE FILLER
- B** METAL ROOF DECKING
- C** INSULATION
- D** TPO MEMBRANE
- E** SHEET FASTENER & GRIP HOOK
- F** INSULATION FASTENER

## RETROFIT BENEFITS

**Stops all leaks immediately!**

**Additional insulation can be added to suit your needs!**

**Bright White - Energy Star Rated: providing instant energy savings to the building owner. The metal roof retrofit also keeps the interior of the building 10 to 20 degrees cooler!**

**The TPO will never need to be coated or require fungal treatments!**

**The TPO Membrane is very strong. All seams are heat welded and will never split.**

**Power company rebates and government tax credits available for qualified customers!**

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