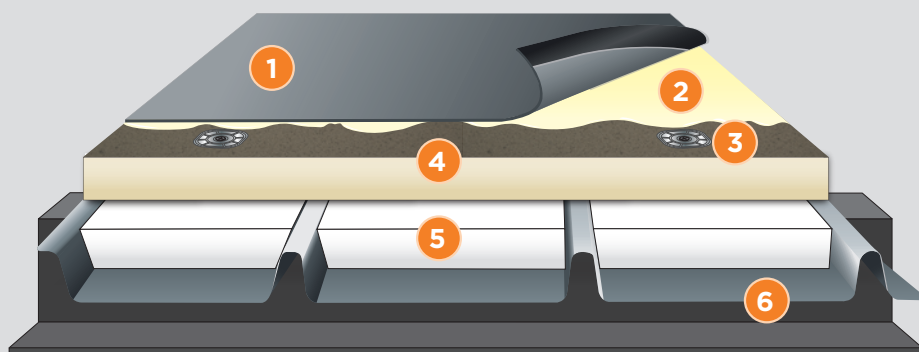


# WeatherBond EPDM

## Fully Adhered Metal Retrofit Roofing System



### Typical Application

- 1 WeatherBond EPDM Membrane
- 2 WeatherBond Bonding Adhesive
- 3 WeatherBond Fasteners and Plates
- 4 Polyiso or Acceptable Insulation
- 5 Flute Fill Insulation
- 6 Existing Metal Roof

Colors:	Black and White
Standard Thicknesses:	45-, 60- and 90-mil
Standard Widths:	10' - 30'
Standard Lengths:	50' - 200'

### System Features And Benefits:

- Retrofit option provides a long-term solution to metal roof problems
- Retrofit systems reduce noise associated with metal roofs
- Retrofit systems permit the addition of insulation to improve the energy efficiency of the structure
- UL Class A, B and universal slope ratings are available

### Non-Reinforced EPDM Membrane

WeatherBond Black EPDM membrane is a 45-, 60-, or 90-mil non-reinforced roofing membrane ideal for new single-ply roof construction and re-roofing applications. These membranes are Fire Retardant (FR), which means they are specially formulated to inhibit the spread of flame and meet or exceed code body testing criteria for fire retardant roofing membranes.

WeatherBond White EPDM membrane is a 60-mil or 90-mil non-reinforced EPDM roofing membrane. WeatherBond White EPDM membrane meets cool roof standards for initial and aged solar reflectance and thermal emittance.

### WeatherBond EPDM with Pre-Applied Seam Tape

With WeatherBond's Factory-Applied Seam Tape, most of the labor to create seams between membrane panels is completed in a quality-controlled, state-of-the-art environment. This process results in a reliable seam with greater peel and shear strengths and with no entrapped air bubbles. Consistent placement of the seam tape also maximizes the splice area and results in a high-quality seam.



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## **Metal Retrofit Fully Adhered**

WeatherBond EPDM membrane is adhered to the insulation with WeatherBond EPDM bonding adhesive. Adjoining sheets of EPDM are spliced together using WeatherBond EPDM primer and seam tape or WeatherBond EPDM with factory-applied seam tape.

## **Insulation**

### **Flute-Fill Insulation**

A key component of a metal retrofit system is the addition of custom-fit insulation between the standing seams of the metal roof panels. WeatherBond offers both EPS (expanded polystyrene) and Polyiso flute-fill insulation that can be factory cut to fit between each metal panel. This insulation layer also adds R-value and can be loose-laid or adhered.

### **Additional Insulation**

Once flute-fill insulation has been installed, additional insulation ranging from a ¼-inch cover board to several inches of polyiso insulation can be mechanically fastened to the metal roof to create a smooth flat substrate for the membrane. Adding polyiso insulation and cover boards can add additional R-value to the system. Using a high-compressive strength polyiso cover board or gypsum cover board can also enhance impact resistance and fire resistance.

The above information represents a typical WeatherBond EPDM Fully Adhered Metal Retrofit Roofing System.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.



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