

## **BENEFITS OF RETROFIT METAL ROOFS**

### **Maintenance & Roof Life**

A standing seam metal is one of the lowest cost roofing solutions due to its low maintenance and long life.

#### **Weather-tight Construction**

The fact that standing seam roofs offer excellent resistance to all forms of weather is one of the primary advantages of ReRoof USA standing seam metal roof systems. The sloped framing eliminates the possibility of ponding water reducing the potential of structural collapse. All custom cut roof panels interlock and are crimped or "seamed" together with a mechanical seamer to provide a weather-tight seal. ReRoof USA offers various watertight warranties for standing seam systems from our standard 5 years warranty all the way up to 20 years.

#### **Durability**

ReRoof USA manufactures high quality structural standing seam panels to create a long-lasting roof system. Many forms of metal roofing have been in service for decades, clearly establishing the durability of metal in roofing applications.

Concealed expansion clips and fasteners eliminate all issues related to thermal expansion and contraction as the roof is allowed to move slightly in either direction. This flexible design also eliminates the need for screw penetrations that are often the cause of leaks and cracks.

#### **Coated Finishes**

ReRoof USA uses high quality acrylic coated galvalume and factory applied warranted paint systems for our roof panels. ReRoof USA utilizes Kynar 500 and Siliconized Polyester paint finishes with warranties ranging from 20-40 years.

#### **Lightweight**

At roughly 1.5 pounds per square foot, ReRoof USA roofing systems reduce the additional dead load associated with tradition retrofitting systems.

### **Environmentally Friendly Flat Roof Retrofitting**

The main environmental benefit of retro-fitting your roof with a ReRoof USA standing seam roofing system is that it attaches directly to the existing roof. There is usually no need to remove the existing roof and clutter landfills with the original materials, saving both money and construction time.

A ReRoof USA standing seam roof system utilizes recyclable steel components with every design.

Our systems are also environmentally friendly due to their energy efficiency. Not only can the building continue to utilize its existing insulation, but new insulation can be easily added between the old and new roofs. Additionally, heat gain from solar radiation can be significantly reduced by the appropriate choice of coating on a metal roof.

## **Aesthetically Pleasing, Energy-Efficient Roofs**

Standing seam metal roofs have been expanding from their industrial roots to become more of an architectural statement over the past few years. With a wide selection of **colors** and panel profiles, they can now be found on all types of structures, including upscale housing, restaurants, retail businesses, civic buildings, and churches. Metal panels can be used in various building locations including, soffits, fascias, walls, and mansards. As well as steep slope and curved roof applications.

Energy efficiency is another major benefit of standing seam metal roofs. One of the least apparent, but most costly effects of a leaky roof is the damage to the existing insulation and damage to the existing decking. Wet insulation loses its design qualities and fails to provide a barrier against heat and cold. The ReRoof USA system also makes adding insulation very easy so that additional energy savings can be realized.

ReRoof USA offers a range of colors that meet Energy Star requirements for Solar Reflectance on low slope and high slope roofs.

## **Cost Benefits of a Standing Seam Metal Roof**

Standing seam metal roofing is typically not the least expensive roofing system to install, but when one considers the common maintenance, repairs, and shorter life expectancy of traditional flat roofs, the costs advantages of standing seam metal roofs are obvious.

ReRoof USA further improves on these cost advantages with its jobsite manufacturing process. Onsite roll forming reduces the investment in materials by cutting out middlemen and the related shipping costs associated with buying traditional factory formed panels, this is specifically the case with large commercial and industrial buildings. It also allows for a much greater level of quality and control as the panels can be cut to the exact length and fit together without horizontal lap joints.