

# Metal Roof

Coatings



# Seamless Metal Roof Coating Solutions

There are many advantages to using a metal roof system. Fire resistance, durability, energy efficiency and the ability to keep structures cooler are just some of their benefits over other roofing systems. But metal roofs are expensive to replace. Neogard's Metal Roof coating systems provide high performance, seamless, lightweight and sustainable solutions that can protect, preserve and extend the life of your existing metal roof.

## Performance Properties & Benefits

Seamless & Fully Adhered	One-piece "customized" finished roof No seams to fail No weak spots Leak protection Reduces cost of installation & exposure to weather
Lightweight	Installed over existing roof with minimal tear-off
Sustainable	Systems can be renewed rather than replaced Less waste in landfills No hazardous waste disposal costs Reduces roofing life cycle cost
Energy Efficient	Keeps building cooler Lower energy expenses Reflects light & emits heat
Elastomeric	Accommodates thermal expansion and contraction
Hail & Wind Resistant	Performs in adverse weather conditions
Environmentally Friendly	Low odor Meets environmental requirements

## LEED Credits

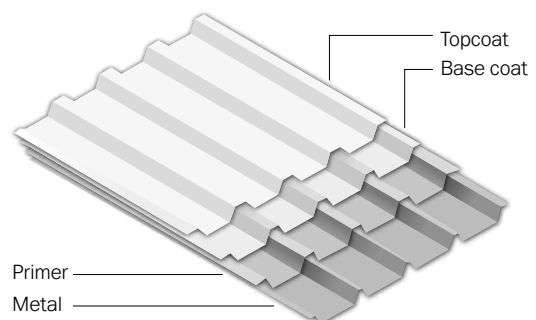
LEED promotes a whole-building approach to sustainability by recognizing performance in seven key areas of human and environmental health.

Credits Available for NEOGARD Systems:



Sourcing of Raw Materials (MRc6.1)  
Low-Emitting Materials (EQc5.2)

## Typical Application





### Before Coating

Like the example above, a good candidate for a metal roof coating will have minimal to no rust and only slight areas of ponding or staining. Light surface rust is easy to clean while thick scaly rust will generally require spot replacement of panels. The tipping point between using a coating and installing a new roof is the amount of damage to the metal panels.



### After Coating

With proper maintenance a roof can be restored with a coating and should not have to be replaced. Panels can almost always be cleaned or replaced instead of completely reskinning the structure; allowing an owner to realize the full benefits of a coating and the cost savings associated over full-replacement costs.



### Elasta-Gard M Aliphatic

A single-component aliphatic urethane system, Elasta-Gard M Aliphatic is applied over existing metal roofs. It is ideal for institutional, commercial, industrial, and high-rise multi-family residential applications.



### Elastacryl M

A single-component elastomeric acrylic topcoat for a monolithic waterproofing membrane on metal substrates.

Elastacryl M is intended for application over existing metal substrates.



### High Solids Silicone

A single-component, high solids silicone system that forms a seamless waterproofing membrane.

HSS is intended for long-term protection over existing roof substrates while FR is designed for spray polyurethane foam.



Neogard, A part of Hempel, manufactures high-performance coatings specified and used for structures across the globe for over 60 years. Neogard's coating systems protect the building envelope through vehicular and pedestrian traffic coatings, protective roof coatings, seamless flooring and elastomeric wall coatings.

You can find Neogard coatings in Major Stadiums and Arenas, Office Buildings, Universities, Hospitals, Hotels and Casinos, Airports and Hangers, Government Facilities, Manufacturing Plants and more.

#### **About Hempel**

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel factories, R&D centers and stock points are established in every region. Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colorful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

Hempel (USA) Inc  
2728 Empire Central,  
Dallas, TX 75235  
Tel: +1 (214) 353-1600

[neogard.com](http://neogard.com)