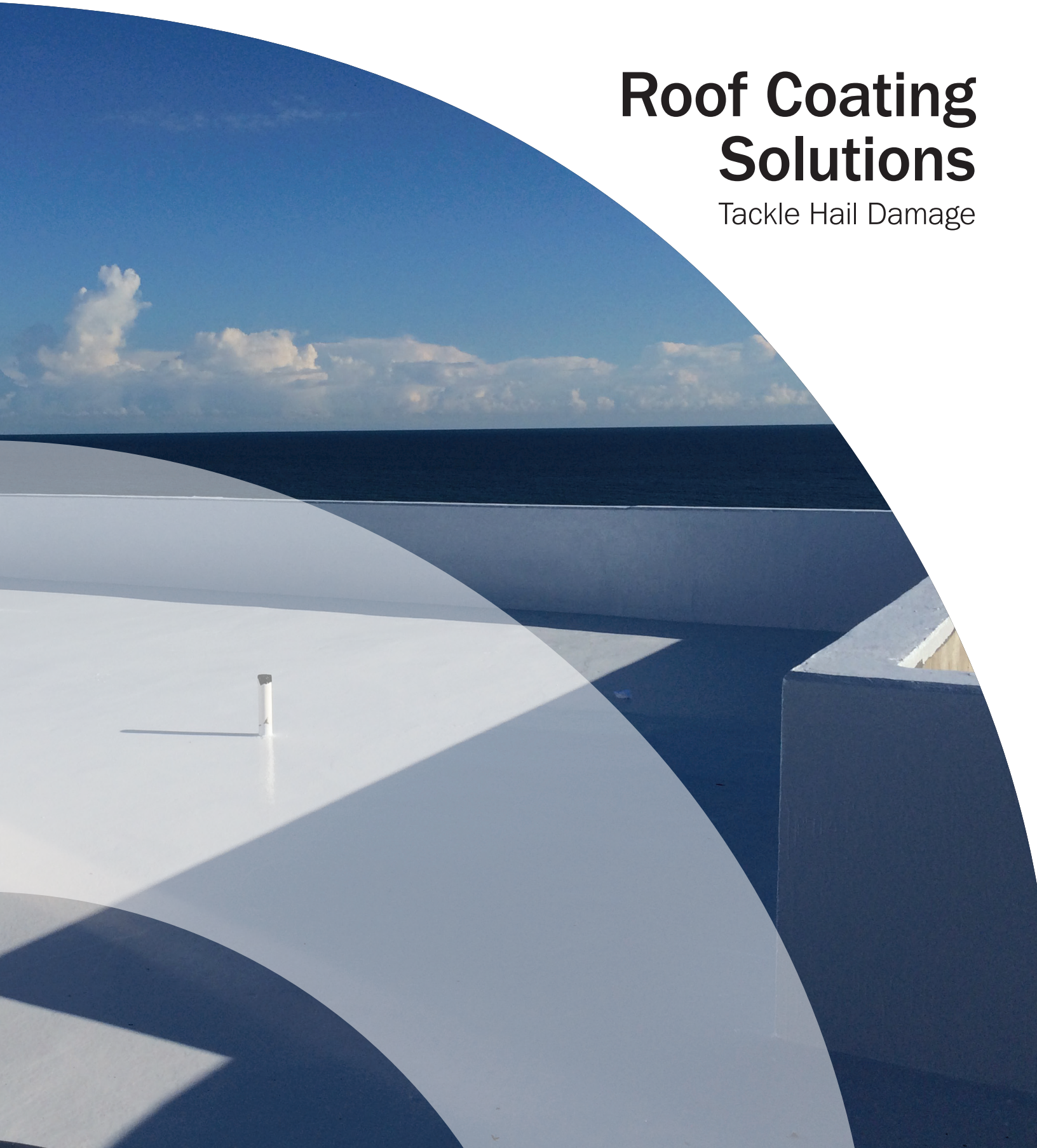




Roof Coating Solutions

Tackle Hail Damage



Hail causes more than \$1 billion worth of damage every year

In 2019 alone, more than 5,000 major hail storms were recorded in the US

Nowhere is safe, particularly if you are located in "Hail Alley." This region lies predominantly within the states of Texas, Oklahoma, Colorado, Kansas, Nebraska and Wyoming.

Getting ahead of hail storms and being proactive in the eye of potential damage is the best way to avoid costly leaks. It is also important to avoid other structural weaknesses in your roof that can set you back thousands of dollars.

The risk cannot be avoided

Roofs are particularly vulnerable against hailstones, which can cause significant damage in just a matter of minutes. If you have suffered hail damage and need to replace or repair your roof carefully consider your options.

Prevent future damage

To give your roof the best shot at surviving, it's time to switch to a fundamentally better roofing system. Systems that resist repeated hail events reflect heat to lower your energy bill and can be warrantied for up to 20 years. Installing a higher quality roofing system will also bring significant saving over a conventional roof replacement.

Your Best Choices

You have two options when it comes to the type of coating system that can be used, depending on your roof type.

Neogard® Permathane Aliphatic

System for spray polyurethane foam roofs

Our tried and tested Neogard Permathane Aliphatic coating systems perform well after multiple hail events. And they last beyond their specified lifecycle without needing maintenance.

It works by creating a durable and seamless waterproofing membrane that protects your spray foam roof and withstands the effects of ponding water, ultraviolet light, and severe weather conditions. The combination of high tensile strength and elongation properties gives it superior impact resistant advantages over acrylic and silicone coatings.

Added benefits include:

- Class 4 Very Severe Hail (VSH) approved to withstand a two-inch hail impact at 70 miles per hour in accordance with FM 4473
- Eliminating the time and expense of a complete tear-off
- Approved to ANSI/UL 790, standard for standard test methods for fire tests of roof coverings
- An extension on the life of your roof
- Good color retention with less chalking
- Increased R value / Thermal insulation

Elasta-Gard™

System for metal, concrete, modified bitumen, and single ply roofs

Our Elasta-Gard system provides a protective and reflective urethane coating. This system also has the high tensile strength and elongation properties that gives it superior impact resistant advantages over acrylic and silicone coatings.

- Resistance to ponding water
- Withstands UV degradation
- Environmentally friendly
- Reflective cool roof coatings
- Up to 20-year full-system warranty

Have a question? Contact your local Neogard Account Manager today to schedule an onsite inspection or find certified applicators.

How one building avoided hail damage with our specialized coating system

After a delay in construction, the Myers Park Agricultural Show Barn faced being unprotected throughout the spring storm season.

But Longhorn Urethane came to the rescue.

They added one-and-a-half inches of new foam to the existing roof and coated it with Neogard Permathane Aliphatic II to make sure it was hail proof during the remainder of its construction. The solution not only meant that the barn avoided any serious hail damage, but it also provided higher R-value insulative properties.

As a result, workers were able to finish up construction to schedule without any issues.

Be ready for the upcoming hailstorm season.





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.

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