

**PROJECT SPECS****Surface type:** Metal**Size:** 350,000 sq. ft.**Age:** 15+ years**Location:** Powder Springs, GA**Industry:** Manufacturing**Solution:** Met-A-Gard**PRODUCTS**

- Urethane Brush-Grade 522
- Acrylic 211

This company chose Met-A-Gard to create a water-tight roofing membrane.

RESEARCH

A large manufacturing company outside of Atlanta, Georgia was having leaking issues in their metal roof for several years. An American WeatherStar Platinum Contractor had been resolving the leaks each time the issues arose. Due to the size of the building which can cause exponential movement of a metal roof, the leaks became more prominent over time.

PROCESS

The installing contractor created a scope of work to ensure proper long-term performance of the Met-A-Gard system. First, the entire roof was pressure-washed at 3500 psi to remove dirt, dust, debris, and any other materials from the surface of the roof.

Next, Urethane Brush-Grade 522 was applied to all seams, transitions, penetrations, and fasteners. This product is a flashing-grade mastic designed to tightly seal and waterproof areas where leaks are most likely to occur. This is a critical step in the process to ensure a water-tight building.

Finally, two coats of bright white American WeatherStar Acrylic 211 were applied. The white finish will dramatically cool down the roof and slow the movement of the metal panels. This elastomeric product is designed to remain flexible even under conditions such as high foot traffic, extreme weather, and everyday wear-and-tear.

RESULT

After receiving the Met-A-Gard system, the roof now has a watertight system installed with at least 10 years of extended life. It is now protected from any rust or corrosion. American WeatherStar issued a 10-year material warranty on the Met-A-Gard system.

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Aerial View



Before

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Pressure-Washing



Waterproofing Seams & Penetrations

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Base Coat



Top Coat

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Complete



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