



LUNCH & LEARN

Metal Roof Restoration





Presentation Outline

- System Basics
- Estimating Job Costs
- Marketing Tools
- Warranty Program



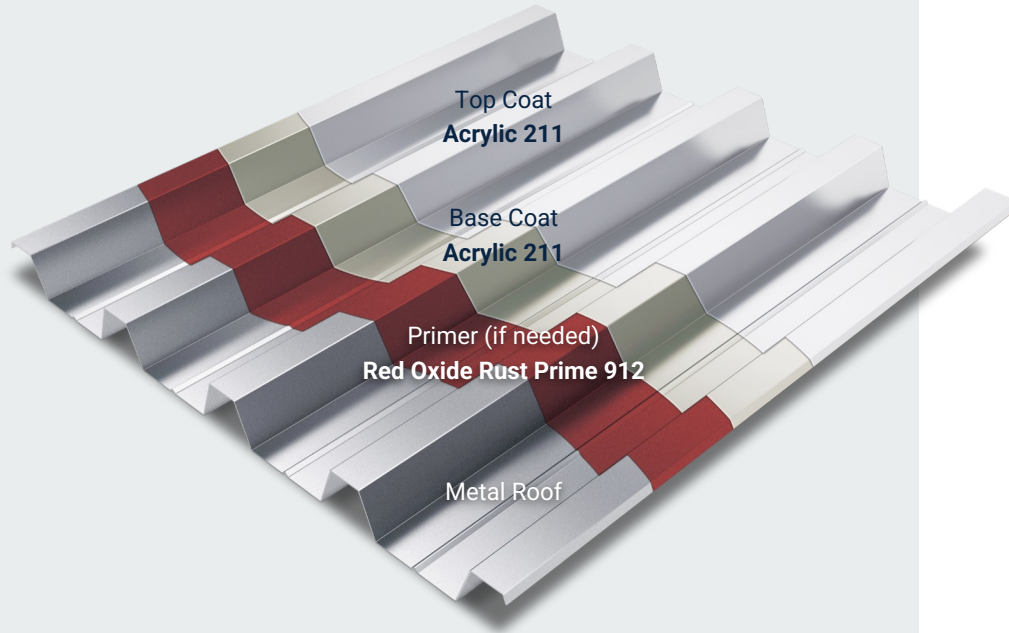


System Basics



Met-A-Gard™

ROOF RESTORATION SYSTEM



[Met-A-Gard Overview](#)

Suitable Substrates?

Metal

Which products compose this system?

- Primers: Red Oxide Rust Prime 912
- Waterproofing: Acrylic Brush-Grade 220
- Base Coat: Acrylic 211
- Top Coat: Acrylic 211

What are my equipment options?

- Airless sprayer is best option for uniform mil thickness
- Spreader is also an option with profile rollers

What type of warranties are available?

12, 15, and 20 year

When is this system the best option?

- Price Sensitive
- Warm Weather

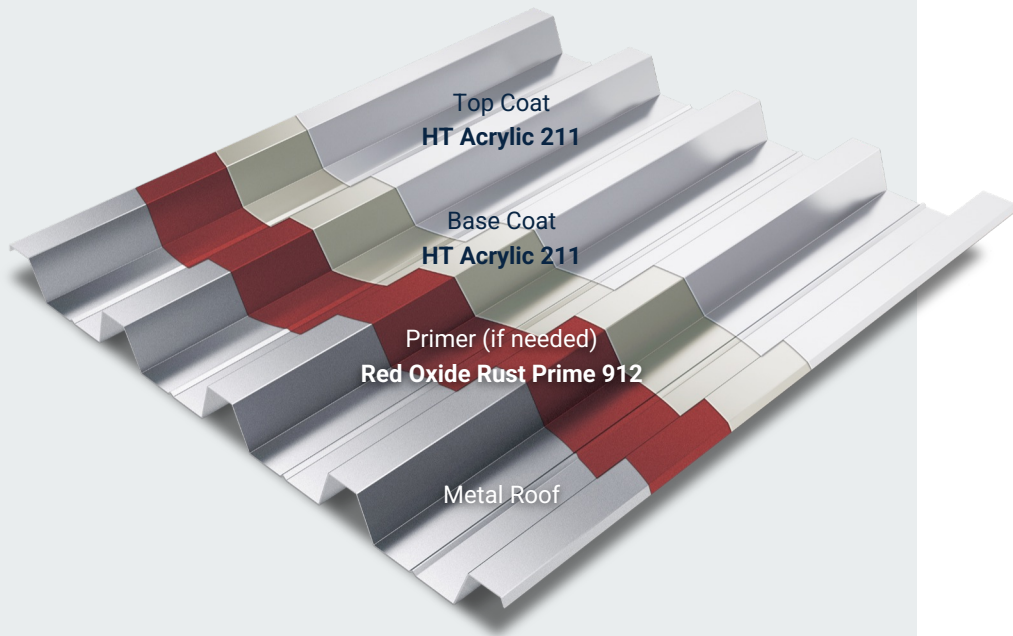
When is it not the best option?

- Cooler Weather
- Rainy Season



Met-A-Gard⁺

ROOF RESTORATION SYSTEM



Met-A-Gard+ Overview

Suitable Substrates?

Metal

Which products compose this system?

- Primers: Red Oxide Rust Prime 912
- Waterproofing: Urethane Brush-Grade 522
- Base Coat: HT Acrylic 211
- Top Coat: HT Acrylic 211

What are my equipment options?

- Airless sprayer is best option for uniform mil thickness
- Spreader is also an option with profile rollers

What type of warranties are available?

12, 15, and 20 year

When is this system the best option?

- Longer warranty required
- Custom colors available

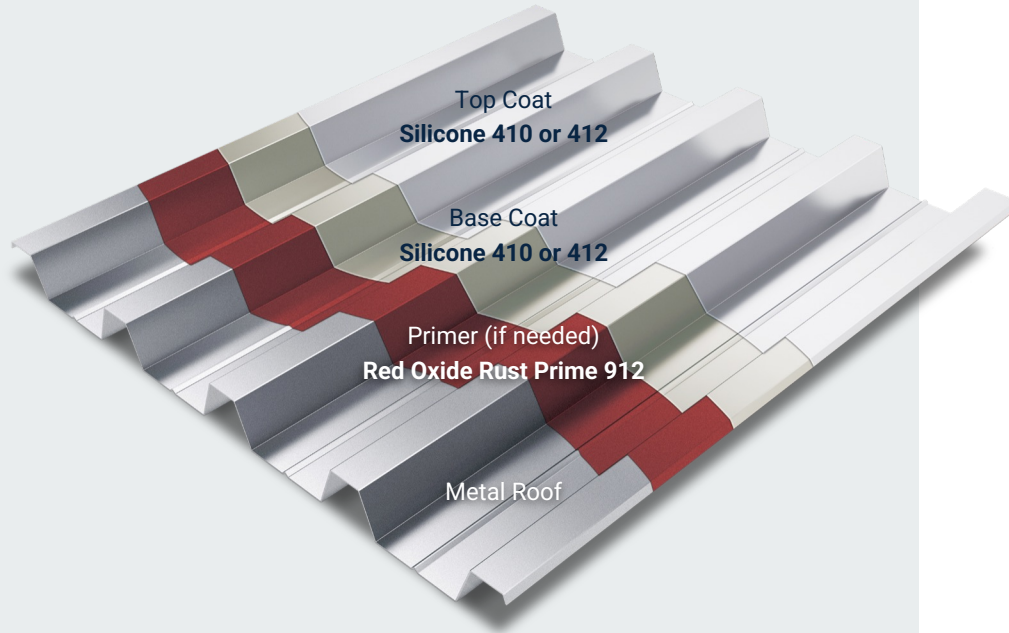
When is it not the best option?

- Cooler Weather
- Rainy Season



Met-A-Sil™

ROOF RESTORATION SYSTEM



[Met-A-Gard+ Overview](#)

Suitable Substrates?

Metal

Which products compose this system?

- Primers: Red Oxide Rust Prime 912
- Waterproofing: Urethane Brush-Grade 522
- Base Coat: Silicone 410 or 412
- Top Coat: Silicone 410 or 412

What are my equipment options?

- Graco 833 for 410 - 933 or air driven for 412
- Spreader is also an option with Rooftop Equipment's Profile Rollers

What type of warranties are available?

12, 15, and 20 year

When is this system the best option?

- Longer warranty required
- Pop-up storms expected
- Cooler temps

When is it not the best option?

- The most critical issue is if the contractor does not have proper equipment
- More expensive than water-based systems





Estimating Job Costs





Estimating Job Costs – Metal Roof Restoration

Key Factors for Determining Job Timeline

- Size of Project
- Slope
- Roof Substrate
- Roof Access (Is a lift required?)
- Staging Material
- Roof Layout (Are there multiple sections?)
- System/Chemistry being installed
- Application Method
- Time of Year/Weather Conditions
- Prep required in advance of coating
- Logistics (distance from contractors location)





Estimating Job Costs

Met-A-Gard (10-Year System)

Roof Type	Basic R-panel metal roof with moderate rust
Roof Size	25,000 Square Feet (250' x 100')
Stretch Factor	15%
Waste Factor	5%
Total Area (including stretch & waste)	30,000 Square Feet
(4) Horizontal Seams (including ridge cap)	250 Linear Feet
(12) Skylights	3' x 6'
(5) Pipe Vents	2' Diameter
(2) HVAC Units	24' Diameter



Met-A-Gard (10-Year System)

APPLICATION STEP	PRODUCT	COVERAGE RATE-REQUIRED DFT	QUANTITY REQUIRED	APPROX MATERIAL COST
PRESSURE WASH	EcoCleaner 925	150 square feet per gallon	50 gallon (dilute 4:1)	\$0.11 per sq ft
PRIMER	Red Oxide Rust Primer 912	200 square feet per gallon	150 gallon	\$0.22 per sq ft
WATERPROOFING	-	-	-	-
FASTENERS	Acrylic Brush-Grade 220	800 square feet per gallon	40 gallons	\$0.06 per sq ft
VERTICAL SEAMS	Acrylic Brush-Grade 220	200 linear feet per gallon	50 gallons	\$0.08 per sq ft
HORIZONTAL SEAMS	Acrylic Butter-Grade 221	75 linear feet per gallon	20 gallons	\$0.03 per sq ft
PENETRATIONS	Acrylic Butter-Grade 221	33 linear feet per gallon	2 gallons	\$0.01 per sq ft
PERIMETER OF SKYLIGHTS	Acrylic Butter-Grade 221	100 linear feet per gallon	2 gallons	\$0.01 per sq ft
CLEAR COAT ON SKYLIGHTS	Skylight Sealer 230	200 square feet per gallon (2 coats)	5 gallons	\$0.01 per sq ft
BASE COAT APPLICATION	Acrylic 211	1 gallon per square feet	300 gallons	\$0.32 per sq ft
TOP COAT APPLICATION	Acrylic 211	1 gallon per square feet	300 gallons	\$0.32 per sq ft
				Total Cost: \$1.14





Met-A-Gard (10-Year System)

(based on a 4 man experienced crew)

APPLICATION STEP	ESTIMATED TIME TO COMPLETE
PRESSURE WASHING	1 days
PRIMER APPLICATION	2 days
WATERPROOFING	2 days
BASE COAT APPLICATION	3 days
TOP COAT APPLICATION	2 days
TOTAL TIME INVESTED	9 working days





Marketing Tools





Marketing Tools - Overview

- Website landing pages
- Testimonials
- System boards
- Dry samples
- System view videos
- System brochures
- Quick specs
- Case studies
- System branded warranties
- StarGard+ program
- Project Previews
- Rooftop contact sign



Sales & Marketing Tools

Testimonials

Testimonials



I had a previous company try to restore my roof and it was a disaster. The roof leaked every time it rained and I could hardly get in contact with the contractor when I needed maintenance. So, I decided to look for another contractor and found Kiker Corporation. They walked the roof with me and pointed out the problem areas and why I was having my issues. They explained that they used American WeatherStar Systems and all the benefits they offered. I decide to let them recoat my roof with an American WeatherStar System and I've been grateful ever since.

Brenda Jackson

Carr Allison – Daphne, Alabama



We were having several leaking issues with our roof. American WeatherStar sent us Coleman Roofing and they did a phenomenal job. The flood came through and Coleman installed the Met-A-Gard system a few weeks later. They were out in no time with a job well done. I notice the energy levels already decreasing in the building and have not had any issues with leaking since. They did a great job and I have already recommended a buddy of mine to Coleman Roofing to have them propose him a solution with an American WeatherStar System.

Timothy Armentor

Armentor – Youngsville, Louisiana



We are very impressed with the Met-A-Gard+ System we had installed on our metal roof. We had leaks and other concerns such as heat reduction and waterproofing the roof. Louisiana Roof Coatings, an out-of-town company, came in a very timely manner and handled the job perfectly. It has been two years and we have had no issues nor a reason to get up on the roof. The coating did exactly what the website advertised it would do.

John Hanney

Refuge Temple Ministries – Lake Charles, Louisiana



We here at Gulf Shores Surf and Racquet Club could not be more pleased with the work Thomas Roofing has done for us. Our roof was in bad shape and in desperate need of repair. The crew was very efficient and professional, and the result of that was better than what we expected. Our roof is now beautiful! We would definitely recommend them for any roofing needs.

Amanda Holland

Gulf Shores Surf & Racquet Club – Gulf Shores, Alabama



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System Boards

System Boards





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Dry Samples





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Informational Videos



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System Brochures

System Brochures



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Quick Specs

Quick Specs

QUICK SPEC

Met-A-Gard[™]

ROOF RESTORATION SYSTEM

The Preferred Metal Roof Restoration Solution

The Met-A-Gard roof restoration system is the preferred solution to restore and protect aged metal roof surfaces. Based on the proven performance of Acrylic 211 with industry-leading elongation and tensile strength, the ENERGY STAR[®]-rated Met-A-Gard System sets the standard for quality, performance, affordability, and value in metal roof repair and restoration.

The Met-A-Gard System offers facility managers and property owners a variety of money-saving benefits. It does more than stop leaks—it effectively prevents rust and corrosion, reduces maintenance costs, lowers energy consumption, improves performance, and extends service life. Best of all, the Met-A-Gard System costs significantly less than a total roof replacement.

Basic Uses

The Met-A-Gard System is specifically formulated to seal, waterproof, and preserve metal roofs from the harmful effects of the sun, wind, and rain. The system's main component, Acrylic 211, contains strong algaecides which make it ideal for application over metal roofs. The Met-A-Gard System is designed for metal roofs affected by moderate levels of rust and corrosion with positive drainage. Roofs with areas of ponding water must be corrected before the system can be installed.

Features/Benefits

- Stops leaks and vastly improves performance
- Costs significantly less than a total roof replacement
- Substantially reduces maintenance and energy costs
- Extends service life by restoring the existing metal roof surface
- Excellent elongation, tensile strength, reflectivity, and durability
- Cures to form a seamless, watertight membrane
- Eliminates the onset of rust and corrosion
- Long-term warranty options available
- Minimal interruption to business

Suitable Substrates

- Metal

1 SURFACE PREPARATION
To ensure optimal adhesion, the roof is pressure washed to remove all dirt, dust, and debris. In some cases, a primer application (1A) of Red Oxide Rust Prime 912 may be necessary.

1A SEAMS/DETAILS
All seams and flashing details are coated with a thick "rubber-like" mastic to help withstand line expansion and contraction of the roof structure.

2 BASE COAT
An ivory-tinted base coat Acrylic 211 ensures uniform mil thickness and is uniquely formulated for maximum adhesion to metal roof surfaces.

3 TOP COAT
A white top coat of Acrylic 211 provides the system with superior durability, reflectivity, weatherability, and mildew resistance.

4 SEAMS/DETAILS
All seams and flashing details are coated with a thick "rubber-like" mastic to help withstand the expansion and contraction of the roof structure.

BASE COAT
Base coat High-Tensile Acrylic 211 ensures form mil thickness and is uniquely formulated for maximum adhesion to metal roof surfaces.

TOP COAT
Top coat of High-Tensile Acrylic 211 provides film with exceptional durability, color stability, weatherability, and mildew resistance.

AVAILABLE
10 YEAR WARRANTY

americanweatherstar.com

Met-A-Gard⁺

ROOF RESTORATION SYSTEM

QUICK SPEC

1 SURFACE PREPARATION
To ensure optimal adhesion, the roof is pressure washed to remove all dirt, dust, and debris. In some cases, a primer application (1A) of Red Oxide Rust Prime 912 may be necessary.

1A SEAMS/DETAILS
All seams and flashing details are coated with a thick "rubber-like" mastic to help withstand the expansion and contraction of the roof structure.

2 BASE COAT
Base coat High-Tensile Acrylic 211 ensures form mil thickness and is uniquely formulated for maximum adhesion to metal roof surfaces.

3 TOP COAT
Top coat of High-Tensile Acrylic 211 provides film with exceptional durability, color stability, weatherability, and mildew resistance.

4 SEAMS/DETAILS
All seams and flashing details are coated with a thick "rubber-like" mastic to help withstand the expansion and contraction of the roof structure.

BASE COAT
Base coat High-Tensile Acrylic 211 ensures form mil thickness and is uniquely formulated for maximum adhesion to metal roof surfaces.

TOP COAT
Top coat of High-Tensile Acrylic 211 provides film with exceptional durability, color stability, weatherability, and mildew resistance.

AVAILABLE
20 YEAR WARRANTY

americanweatherstar.com

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Case Studies

Case Studies



CASE STUDY:
Silicone Recoat Over Modified Bitumen

PROJECT SPECS

Roof type: Modified Bitumen
Size: 188,000 sq. ft.
Roof age: 25+ years
Location: Mobile, AL
Industry: School
System: Envi-0-Si

SYSTEM PRODUCTS

- Silicone 410
- High Solids Silicone 412
- Silicone Brush-Grade 422
- Terminaseal 422
- Polyester Fabric

For this previously-coated modbit roof, the time had come for a new silicone system.

RESEARCH

Representatives of a high school in the Mobile, Alabama area began to report numerous leaks in their 100,000 sq. ft. modified bitumen roof. In order to learn more, an American WeatherStar Approved Contractor was asked to survey the roof. During the inspection, the contractor was able to identify the source of the leaks. It was also discovered that the roof had previously been coated with a silicone system about ten years earlier.

Aside from a few small problem areas, the existing silicone top coat was found to be mostly intact. It was later determined that the leaks occurred because the seams of the modbit roof were not properly addressed during the initial silicone system install. With any coatings project, seams and other flashing details are especially important to address as they are the most likely spots for leaks to occur.

PROCESS

It was determined that a recoat with the Envi-0-Si system from American WeatherStar could restore the roof. The first step of the installation was to pressure wash the roof to remove any debris and loose coatings. Next, Terminaseal 422, which is a waterproofing product that adheres especially well to silicone, was used for select problem areas of the roof in need of repair. All seams, fasteners, penetrations, and transitions were then coated with Silicone Brush-Grade 422.

Once the problem areas and flashing details were addressed, a base coat and top coat of High Solids Silicone 412 was then applied to the roof. This low VOC product forms a weather-resistant, rubber-like seal and provides the roof with excellent UV protection.

RESULT

Obviously, the main objective of this project was to stop the roof from leaking. Proper treatment of the seams and other flashing details during installation will help ensure the long-term success of this system.

Once the project was completed, the roof received ten more years of warranty protection in from future problems. The school system, which owned the building, found the the Envi-0-Si system a much more cost-effective alternative to a full roof replacement.



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Project Previews

Project Previews

American WEATHERSTAR PROJECT PREVIEW

JOB LOCATION
Slap Ya Mama Seasoning
1679 West Main Street
Ville Platte, LA 70586

FACILITY SIZE
22,549 sq. ft.
Adjusted size: 27,055 sq. ft.

ROOF TYPE
Metal

SYSTEM
Met-A-Gard+

CONTRACTOR
Shield Coatings & Foam, LLC
1109 Elm Street
Pine Prairie, LA 70576



SHIELD
COATINGS & FOAM, LLC

800-771-6643 | www.americaneatherstar.com Page 1 of 4

Page 1 of 4

Page 1 of 6





Sales & Marketing Tools

Rooftop Contact Sign

[Quick Specs](#)



! ATTENTION

**American**
WEATHERSTAR®

THIS BUILDING HAS AN AMERICAN
WEATHERSTAR ROOF RESTORATION
SYSTEM INSTALLED. FOR WARRANTY
PURPOSES, PLEASE CONTACT
MANUFACTURER AND/OR INSTALLING
CONTRACTOR BEFORE MAKING
ALTERATIONS TO THIS ROOF.

SYSTEM INSTALLATION DATE:
12/6/2022

MANUFACTURER:	INSTALLING CONTRACTOR:
AMERICAN WEATHERSTAR 8095 PADGETT SWITCH RD. IRVINGTON, AL 36544 800-771-6643	ABC ROOFING COMPANY 1234 EVERYWHERE RD. MOBILE, AL 36582 800-765-4321





Warranty Programs





Warranty Program

Length Options & Benefits

Material Warranty

5,10, 12, 15 & 20 years

NDL System Warranty

Standard: 5, 10, 12, 15 & 20 years

NDL System Elite Warranty

Standard: 20 years

Renewable
Transferrable
Extendable





Warranty Program

Requirements

REQUIREMENTS	MATERIAL ONLY	NDL SYSTEM	NDL SYSTEM ELITE
MUST BE AN APPROVED, PLATINUM, OR PLATINUM ELITE CONTRACTOR	✓	✓	✓
COMPLETED APPLICATION	✓	✓	✓
ROOF GRAPH & JOB PHOTOS	✓	✓	✓
THIRD-PARTY INSPECTION		✓	✓
WARRANTY FEE		✓	✓
ANNUAL INSPECTION	✓		✓



Warranty Programs

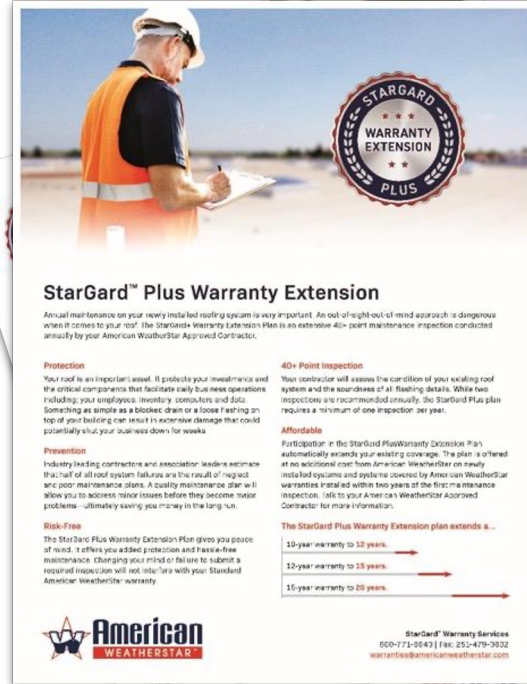
Warranty Samples

Warranty Program



Warranty Enhancement Options

Stargard+



StarGard™ Plus Warranty Extension

Annual maintenance on your newly installed roofing system is very important. An out-of-sight-out-of-mind approach is dangerous when it comes to your roof. The StarGard Warranty Extension Plus is an extensive 40+ point maintenance inspection conducted annually by your American WeatherStar Approved Contractor.

Protection
Your roof is an important asset. It protects your investment and the critical components that facilitate daily business operations including your employees, inventory, computers and data. Something as simple as a blocked drain or a loose flashing on top of your building can result in extensive damage that could potentially shut your business down for weeks.

Prevention
Industry leading contractors and association leaders estimate that half of all roof system failures are the result of neglect and poor maintenance plans. A quality maintenance plan will allow you to address minor issues before they become major problems...ultimately saving you money in the long run.

Risk-Free
The StarGard Plus Warranty Extension Plan gives you peace of mind, offers you added protection and hassle-free maintenance. Changing your mind or failing to submit a required inspection will not interfere with your Standard American WeatherStar warranty.

40+ Point Inspection
Your contractor will assess the condition of your existing roof system and the soundness of all flashing details. While two inspections are recommended annually, the StarGard Plus plan requires a minimum of one inspection per year.

Affordable
Furthermore, if the StarGard Plus Warranty Extension Plan automatically extends your existing coverage. The plan is offered at no additional cost from American WeatherStar on newly installed systems and systems covered by American WeatherStar warranties installed within two years of the first maintenance inspection. Talk to your American WeatherStar Approved Contractor for more information.

The StarGard Plus Warranty Extension plan extends a...

- 10-year warranty to 12 years.
- 12-year warranty to 15 years.
- 15-year warranty to 20 years.

American WEATHERSTAR

StarGard® Warranty Services
800-772-6643 | Fax: 251-479-2622
warranty@americanweatherstar.com

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**For more information, visit our website:
www.americanweatherstar.com**

