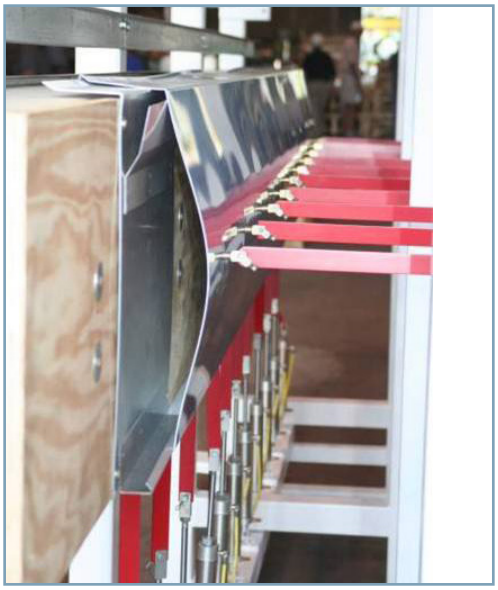
ANSI/SPRI ES-1

R-Mer® Force & R-Mer Edge Coping

The International Building Code (IBC) requires that all metal edge is tested in accordance with the ANSI/SPRI ES-1 test method. R-Mer Force and R-Mer Edge Coping systems have been certified through a full battery of ANSI/SPRI ES-1 testing by an independent test lab to ensure code compliance.



Performance Benefits

- Easy to install
- Withstands extreme wind pressures without compromising security
- Watertight protection
- Unlimited thermal expansion and contraction
- Offers an architecturally pleasing look

Non-Garland Metal Edge

According to a study by Factory Mutual Global (FM®) and the Roofing Industry Committee on Weather Issues (RCWI®), 50% of all weather-related roof failures originate at the roof's perimeter.

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What does ANSI/SPRI ES-1 mean?

The American National Standards Institute (ANSI) and the Single Ply Roofing Industry (SPRI) combined to publish ANSI/SPRI ES-1 which, in part, describes the three testing methods for verifying metal edge system's resistance to uplift pressures. It is now used as the standard for ensuring that a building's metal edge can resist the wind uplift pressures it will face.

Is ANSI/SPRI ES-1 a part of the International Building Code?

This was originally adopted by the International Building Code (IBC) in 2003 and is reference in the 2015 version of the IBC, upon adoption.

How do I make sure my roof's metal edge system meets the ANSI/SPRI ES-1 requirements?

Garland features ANSI/SPRI ES-1 tested R-Mer Force and Edge Coping systems.

- Each low-slope roofing project has wind uplift calculations performed specifically for your project in accordance to ASCE-7 methods.
- A wide range of materials and sizes have been tested to ensure the proper metal edge system can be specified per the criteria calculated by the ASCE-7 method.
- Independent testing performed under the direction of a licensed engineer certifies that Garland's R-Mer Force and Edge Coping test results are accurate and reproducible.

Why combine a Garland low-slope roofing solution with R-Mer Force or Coping?

Single source manufacturer for roofing and metal edge materials

- Single source watertight and material warranties
- Consistent watertight details
- Streamlined integration of metal edge and field roofing materials
- Single manufacturing contact for all of your roofing needs
- Proven performance through hundreds of installations and decades of experience
- Security of working with a company who has been in business longer than its warranty

World class metal edge systems

- No exposed fasteners for better performance
- Clean lines and professionally fabricated miters
- Concealed splice plates provide "invisible" protection and allow for unlimited thermal movement
- Exceptional uplift resistance from 16 gauge coping chairs and extrude aluminum fascia anchors

Garland's full service representative to assist you on your roof project

- Detailed electronic documentation with our online Roof Asset Management Program (RAMP®)
- Assistance with construction documents, including details and specifications
- Comprehensive network of Garland authorized contractors
- Quality control monitoring through rooftop inspections and progress reports during installation

For more information, visit us at: www.garlandco.com

since 1895

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