

BUILDING ENVELOPE SYSTEMS®

# Vegetative Roof Assembly®



Millennium Park, Chicago, IL



**Single-source warranty. Proven technology. Service you can trust.**

## Why a sustainable roof design?



Application of our time-tested 790-11 hot rubberized waterproofing membrane, proven effective in thousands of applications.



A Drain Board/Water Retention Mat is strategically located at the soil level to protect the drainage plain and insulation from root damage.



Henry's FLL certified growing media has just the right amount of organic material.



Henry's single-source warranty offers coverage on pavers, edging, drain inspection covers and insulation.

Once a novel idea, vegetative roofs have gained widespread acceptance due to the many practical, financial, and environmental benefits they provide. In addition to creating more usable amenity space in the form of rooftop terraces, walkways, plazas and gardens, a vegetative roof assembly can:

- Extend the life of roofing components and reduce building maintenance costs by eliminating UV exposure and minimizing thermal cycling.
- Improve energy efficiency to reduce heating and cooling costs.
- Be funded in part by financial incentives increasingly available from local, state and federal government agencies responsible for reducing environmental impact.

Research has shown that the installation of a vegetative roof can result in a number of important environmental benefits. These are so significant that in many areas, sustainable roofing designs are being mandated in order to:

- Reduce storm water runoff and sewer bills – Plants absorb water, reducing load on sewage treatment plants, helping to keep contaminants out of lakes and streams.
- Reduce urban heat island effect – When compared to a black-surfaced roof on a sunny summer day, a vegetative roof can be 60 °F or more cooler.
- Improve air quality – Rooftop vegetation converts carbon dioxide to oxygen.



## Why a Henry Vegetative Roof Assembly®?

### The Henry Single-Source Warranty

The Henry Single-Source Warranty provides building owners with the benefit of complete waterproofing membrane and vegetative roof assembly coverage in one, rather than multiple, warranty agreements.

This warranty means that should you have a problem, you will avoid the complications and costs of dealing with separate vendors who may claim that another company's product or work was the cause of the problem.

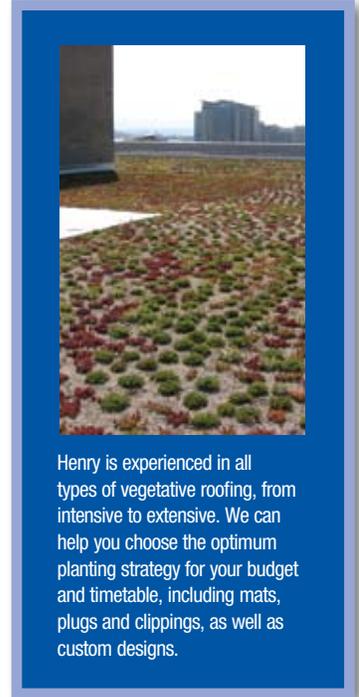
With a Henry Single-Source Warranty, you can have confidence that your roof is protected by a stable and financially secure company that will be there down the road if you ever need to call them.

### Proven waterproofing products and expertise

The most important aspect of any roof is its ability to protect your building by keeping water out. This is all the more important in a vegetative roof, where by design the roof must retain moisture to sustain plantings.

At the core of Henry's Vegetative Roof Assembly is our high performance, hot rubberized 790-11 roofing and waterproofing membrane, proven in more than 40 years and 75 million square feet of successfully installed roofing throughout North America and Europe.

Henry's unmatched experience and expertise in enabling trouble-free, water-tight roofing is your assurance that your vegetative roof will stand the test of time.



- Possible LEED credits:
1. Storm water management
  2. Urban heat island
  3. Water efficient landscaping
  4. Improved building energy performance

See [www.usgbc.org](http://www.usgbc.org) for more information



Consult your Henry representative for specific UL system configurations.

## From Henry® vegetative roof assemblies to other Henry® sustainable solutions

Henry Company's reputation as the leader in Building Envelope Systems® is a direct result of over 75 years in the research, development and manufacture of high quality construction products. Henry offers a wide range of roofing options and pricing levels that enable you to optimize your building investment and extend the life of your roofing components. Among these are:

### Cool roof reflective coatings

Reduce your summer cooling costs and extend the life of your roof with a Henry cool roof reflective coating. Henry cool roof reflective coatings provide a highly reflective, seamless solar barrier, protecting your roof against elements that lead to moisture penetration.

### Protective coating systems

Henry protective coatings can provide waterproofing protection to almost any roof surface including existing asphalt, metal, composition, modified or EPDM.

### Spray foam roofing

Henry's PERMAX® spray foam roof systems and roof coatings have a 30-year track record of long-lasting durability and exceptional energy savings in all climates. Protected with Henry elastomeric coating, this high density, closed-cell polyurethane foam insulation system meets UL 790 and FM Class A roofing system.

### Restoration systems

Henry offers Polyester Reinforced, Monolithic surface and MetalShield metal roof maintenance systems. Our roofing experts can help you choose the best option for your building's roof. In many cases, these technologies enable you to renew the surface of your roof at half the cost of roof replacement.

### Protect your environment®

Contact a Henry representative to find out which option is best for you and your building. Or for more information, visit [www.henry.com](http://www.henry.com)



# Henry®

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