

# GreenGrid® Roofs at Healthcare Facilities



## Benefitting Patients, Staff, and the Environment

Healthcare facilities around the world are becoming increasingly aware of the benefits of incorporating sustainability into their operations: Enhanced sustainability provides opportunities to lessen a facility's environmental footprint, strengthen community relationships, and reduce costs. A more sustainable work environment also enhances quality of life for employees and can reduce staff turnover and improve morale and productivity. However, central to the mission of healthcare facilities—whether private, public, or non-profit—are the beneficial effects sustainability can have on patient outcomes. One specific component of a sustainability program with measurable benefits for the environment and patients is the use of green roofs to create therapeutic or healing gardens.



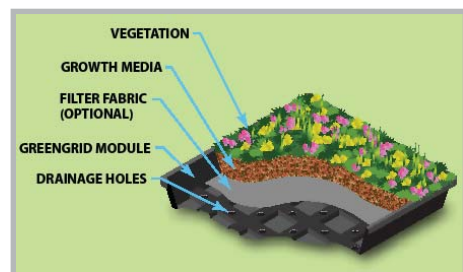
*WESTON's GreenGrid® modular green (vegetative) roof system not only brings environmental and economic benefits, but also provides an opportunity for healthcare facilities to improve patient outcomes.*

### Patients Benefit from Healing Gardens

Studies have shown the benefits of therapeutic gardens on the recovery of hospital patients, workers, and visitors. Even looking out onto a vegetated landscape helps patients recover more quickly, according to a study by Roger Ulrich, Director of Texas A&M University's Center for Health Systems and Design. Additionally, the Joint Commission, which evaluates and accredits health-care organizations and programs in the United States, has recognized therapeutic gardens as a best practice benchmark.

### Green (Vegetative) Roofs Offer Savings and Reduce Environment Impacts

- Green roofs offer outstanding stormwater retention and detention and improve the quality of stormwater runoff.
- By significantly reducing the temperature of the rooftop, green roofs can reduce HVAC costs and the "urban heat island effect."
- Because a green roof mitigates the expansion and contraction of the roof surface from temperature fluctuations, roof life can be as much as tripled.
- Facilities seeking LEED® certification will usually receive LEED points by including a green roof
- Additional benefits include sound insulation and, of course, the aesthetic and therapeutic appeal of a natural environment.



[www.GreenGridRoofs.com](http://www.GreenGridRoofs.com)



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# GreenGrid® Roofs at Healthcare Facilities

## GreenGrid® Modular Green Roof Systems

Weston Solutions, Inc. (WESTON®) offers the GreenGrid® green roof system, an ideal product for use in landscape design at healthcare facilities for the dual purpose of improving sustainability and patient outcomes.

The system consists of lightweight, moveable modules constructed from 100% pre-consumer recycled plastic. It offers a simple, cost-effective way to transform a new or existing roof (or patio/terrace) space into a visually therapeutic space for hospital patients, staff, and visitors. Modules are delivered pre-planted to the project site and can be grown out at our nursery facilities prior to delivery for a more mature green roof on the day of installation.

GreenGrid modules can be, in most cases, placed directly on the roof surface. Walkway pavers can be included in the design and installation of the green roof to create paths within the garden. The modular nature of this system allows easy access to the roof surface for maintenance or repairs as necessary, without having to excavate any portion of the vegetation.

Placing the GreenGrid system in visible and/or accessible areas can promote healing and the general well being of patients. Modules can be used for ornamental gardens or to replace a barren view of roof space and building mechanicals with an extensive style green roof.

## Representative Healthcare Facilities Realizing the Benefits of a GreenGrid Roof:



*Martha's Vineyard Hospital*



*Beloit Hospital*



*Ball Memorial Hospital*



*Ellis Hospital*



*Loretto Hospital*

- Beloit Hospital - Beloit, WI
- St. Ritas Medical Center - Lima, OH
- Medical College of Georgia Cancer Research Center - Augusta, GA
- Prentice Women's Hospital at Northwestern - Chicago, IL
- Comer II Children's Hospital - Chicago, IL
- Centergra Health System - Huntley, IL
- Montefiore Hospital - Bronx, NY
- Ellis Hospital - Schenectady, NY
- Englewood Hospital - Englewood, NJ
- Hackensack University Medical Center - Hackensack, NJ
- Beverly Hospital - Beverly, MA
- Martha's Vineyard Hospital - Oak Bluffs, MA
- Ball Memorial Hospital - Muncie, IN
- St. Jude Hospital - Little Canada, MN
- Richland Hospital - Richland Center, WI
- TriPoint Medical Center - Painesville, OH

WESTON has been designing and furnishing the GreenGrid roof system since 2001, and more than 3.5 million square feet of GreenGrid roof has been installed to date, including at 30+ hospitals. For additional details about healthcare projects, visit [www.GreenGridRoofs.com](http://www.GreenGridRoofs.com).

## For More Information

Local contacts are available on our Web site  
[www.GreenGridRoofs.com](http://www.GreenGridRoofs.com)  
or contact our headquarters office at 847-918-4000