GreenGrid® Roofs at Healthcare Facilities

GreenGrid® ROOFS
Engineered to Perform
Designed to Inspire

Nature Can Improve Patient Outcomes

Healthcare facilities are becoming increasingly aware of the benefits of incorporating nature within their facilities and operations. Sustainable technologies and approaches such as vegetative green roofs may lessen a facility's environmental footprint, meanwhile strengthening community relationships, and reducing costs. A sustainable work environment can enhance occupant well-being, reduce staff turnover and improve productivity. Central to the mission of all healthcare facilities are the beneficial effects sustainability can have on patient outcomes. Vegetated green roofs can create therapeutic vistas and accessible healing gardens and be a valuable component to a healthcare facility sustainability program.
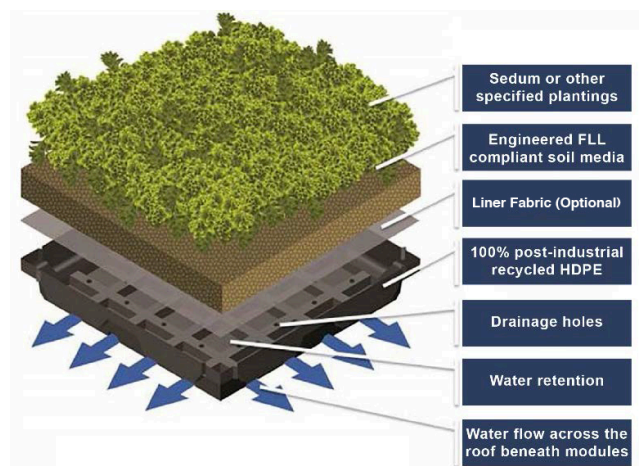
WESTON's GreenGrid® modular green (vegetative) roof system not only brings environmental and economic benefits, but also provides an opportunity for healthcare facilities to improve patient outcomes.

Patients Benefits from Green Roofs and Healing Gardens

Studies demonstrate that patients who are provided at least visual access to nature (or greenery) experience greater overall satisfaction with their treatment. Vegetated green roofs and therapeutic gardens can lead to positive outcomes in regard to patient recovery and enjoyment. 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 Multiple Benefits and Reduce Environment Impacts

- Green roofs offer functional benefits such as storm water retention and detention and improve the quality of storm water runoff.
- By significantly reducing the temperature of a rooftop, green roofs can reduce energy demand and lower operating costs.
- Because a green roof mitigates the expansion and contraction of the roof surface from temperature fluctuations, the lifespan of the waterproofing surface can be extended by decades.
- Green roofs create aesthetically pleasing landscapes and views, and create habitat for birds and butterflies.
- Outdoor noises can be dampened, resulting in lower stress levels and patient enjoyment.

Sedum or other specified plantings

Engineered FLL compliant soil media

Liner Fabric (Optional)

100% post-industrial recycled HDPE

Drainage holes

Water retention

Water flow across the roof beneath modules

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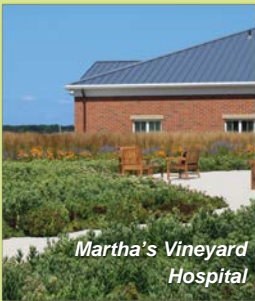Get the free mobile app at http://gettag.mobi

GreenGrid® Roofs at Healthcare Facilities

GreenGrid® Modular Green Roof Systems

The GreenGrid® green roof system is ideal for use in landscape design because of its style, flexibility and pre-grown approach. 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, patio or terrace space into a visually therapeutic space for occupants. The GreenGrid® system is pre-grown at regional nurseries in order to produce mature, healthy plants and to attain full plant coverage so that maintenance is reduced following delivery and installation.

GreenGrid® modules can, in most cases, be placed directly on the waterproofing surface (typically with a protective slip sheet). Walkway pavers or other hardscape can be incorporated for accessibility. The modular style of the GreenGrid® system allows for fast and easy installation and post-installation removal should maintenance be required. GreenGrid® green roofs can replace barren, ugly roof tops with attractive, scenic views.

Research has shown that patient interaction with nature can improve clinical outcomes. Here are a few healthcare facilities realizing the benefits of the GreenGrid® system:
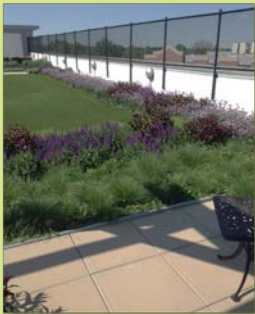
Martha's Vineyard Hospital

Ball Memorial Hospital

Loretto Hospital

- Beloit Hospital - Beloit, WI
- St. Rita's 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
- Mass General Hospital, Boston MA
- UK Healthcare, Lexington KY

The GreenGrid® green roof system became available in 2001 and we have successfully completed more than 6-million square feet of GreenGrid® throughout North America including more than 40 healthcare facilities.

For More Information

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GreenGrid® Green Roofs
www.GreenGridRoofs.com
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