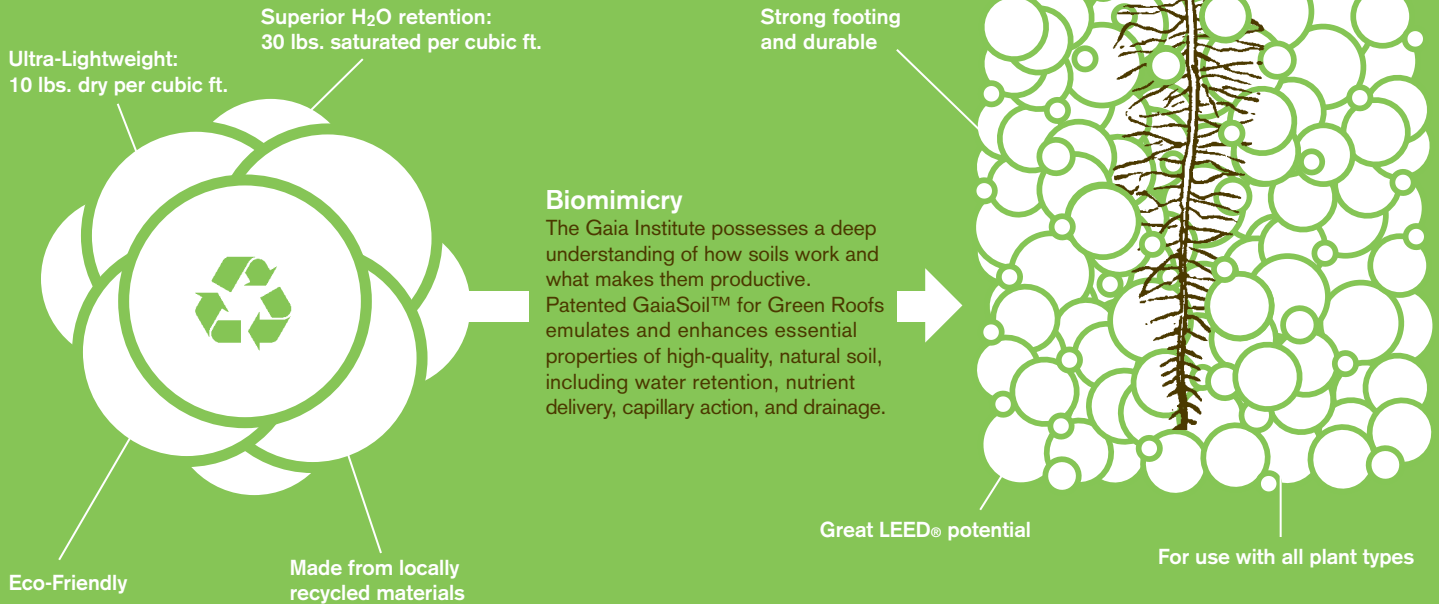


The revolutionary, ultra-lightweight green roof solution. Now, **Green Roofs** can grow nearly everywhere!



Ultra-Lightweight and Eco-Friendly

The main ingredient in GaiaSoil™ for Green Roofs is non-toxic recycled expanded polystyrene foam, coated with organic pectin, mixed with high quality finished compost. The Gaia Institute's proprietary, patented process makes GaiaSoil™ for Green Roofs almost 50% lighter than any other green roof growing medium.

This ultra-lightweight nature gives GaiaSoil™ for Green Roofs significant advantages:

- Structural support of roof often needs no additional reinforcement
- More diverse plant selection possibilities for greater biodiversity
- More stormwater capture made possible by greater soil depth allowances
- Easier to transport to site and move in case of maintenance

H₂O Retention

GaiaSoil™ for Green Roofs retains an incredible 200% of its weight in water, easily capturing the majority of stormwater.

- Dry Weight 10 lbs. per cubic foot
- Saturated Weight 30 lbs. per cubic foot

What About Wind?

With vegetation and any appreciable water content, the surface tension of water holds GaiaSoil™ for Green Roofs in place, even under substantial wind loads. GaiaSoil™ for Green Roofs maintains the same strong footing as wet sand on a beach.

LEED® Certification

GaiaSoil™ for Green Roofs can significantly contribute many credits on green building projects seeking LEED® Certification, including stormwater control and island heat reduction.

Plant Suggestions

GaiaSoil™ for Green Roofs is an ideal growing medium for all types of vegetation, from shrubs to sedums to wildflowers. We especially recommend a diverse selection of native plants, which not only possess distinct aesthetic and environmental benefits, but also attract more birds and butterflies.

Green roofs are attractive, living, vegetated roofs. They provide a wide range of benefits to property owners, including:

- Private green roof space
 - Reduced heating and cooling costs
 - Longer roof life
 - Increased property value
- Additionally, green roofs provide many important environmental benefits:**
- Reduced Urban Heat Island Effect:
 - Cooler summers
 - Reduced storm water runoff:
 - Cleaner rivers, healthier fish
 - Reduced air pollution:
 - Fewer respiratory ailments
 - Increased biodiversity:
 - More birds and butterflies

What Are Green Roofs?



All vegetation grown in Gaia Soil™ for Green Roofs

GAIASOIL™

FOR GREEN ROOFS

GaiaSoil™ for Green Roofs Projects:
 We manufacture GaiaSoil™ for Green Roofs at Hitsman Farm, a family farm in nearby Dutchess County, NY. We can supply GaiaSoil™ for Green Roofs for projects of all shapes and sizes and in a variety of forms — from truckloads to pre-planted modular trays. GaiaSoil™ for Green Roofs can also be used for potted plants on the ground, and in some instances, as an eco-friendly replacement for peat moss.

For more information on GaiaSoil™ for Green Roofs, please visit: www.GaiaSoil.com or email: GaiaSoil@GaiaInstituteNY.org

GaiaSoil™ for Green Roofs is a social venture of The Gaia Institute. For more information on other initiatives of The Gaia Institute, please visit: GaiaInstituteNY.org

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Design: the Studio of Brian Ponto
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Printed on 100% post consumer paper using eco-friendly methods by Greg Barber Co.
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