



LIGHTWEIGHT ROOF SOIL



HELPING THE URBAN GARDEN BLOOM

As consumers seek local, sustainable adjuncts to the mass-market, high-carbon models of food production and home/office insulation, urban farms and gardens have taken root in cities worldwide. ENVEC’s exclusive soil compound is the ideal foundation for greening the urban environment. Rooftop installations in particular will benefit from ENVEC’s lightweight, highly porous formula—flowers and produce require only a few inches of soil for optimal growth.

Our specialized technique yields an extremely pure peat—the basis of our mixture—for maximum permeability and water and nutrient retention. Additives such as peat moss enhance aggregate structure and allow growth to flourish with a minimum of external structural support or soil amendments. ENVEC roof soil is engineered to maximize productivity in dense urban environments where space is limited.

SUPERIOR TECHNOLOGY

POROUS AND LIGHTWEIGHT

ENVEC’s roof soil weighs only 6.8-8.3 pounds per gallon even under humid conditions and is 40 percent porous. Soil with such optimal specifications facilitates maximum nutrient retention and permeability to air. Only four inches of roof soil are required to grow grass or flowers; only six for vegetables.

WEATHER RESISTANT

ENVEC makes a stable, “structured” soil that will not dissolve in water and is highly resistant to freezing. Freeze depth is limited to a shallow 1.6 inches.

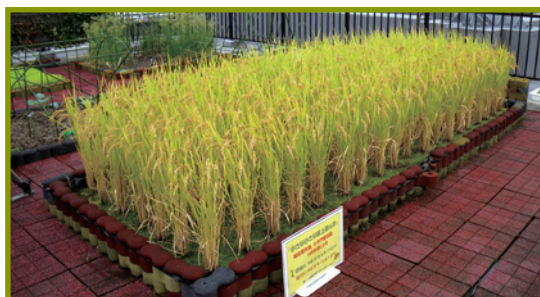
ROBUST AND LOW MAINTENANCE

Even beginning gardeners will enjoy planting with ENVEC roof soil. Our product is free of contaminants like pathogenic bacteria, weed seed and heavy metals, while high cation exchange capacity (CEC) and a mildly acidic formulation support vigorous plant growth with minimal upkeep.



HISTORY OF SUCCESS

ENVEC rooftop farms and gardens grow atop more than 500 buildings throughout Japan, including large-scale public and private institutions like shopping malls, transit stations, libraries, hospitals, factories, universities and many more. The Japanese garden at United Nations headquarters in New York City also uses ENVEC roof soil, as do commercial and residential buildings in Taiwan, China and Brazil.



PARTNERSHIP OPPORTUNITIES

ENVEC seeks to expand upon existing international partnerships in Taiwan and Brazil by uniting with producers and distributors in North America and other overseas territories.