



ERS-ECO GREEN

VEGETATION ROOF SYSTEMS

ENVIRONMENTALLY RESPONSIBLE SOLUTIONS FOR GREEN ROOFS

VEGETATION SYSTEMS OFFER MULTIPLE ENVIRONMENTAL BENEFITS

The potential for Vegetation Roof Systems to transform the environments of cities is tremendous. By choosing to install an ERS-ECO-GREEN Vegetation Roof System, a building owner can make a statement of her/his commitment to a cooler and cleaner environment. A Vegetation Roof System improves the workplace, beautifies the building, and enhances marketability of the property.

ENERGY SAVINGS

Conventional roofs, with their dark surfaces, contribute to the "heat island" effect in cities. The dark conventional roof materials absorb heat, radiate that heat up into the atmosphere, and down into buildings increasing air conditioning costs. The plants and soil of an ERS-ECO-GREEN roof system have a cooling effect on hot days, through UV absorption and evaporation. In addition to reducing the summer heat inside a building, the blanket of soil and plants provide an additional layer of insulation in the winter, reducing total annual energy consumption.

CLEAN AIR AND WATER

Plants absorb airborne particles, and convert carbon dioxide, a greenhouse gas, into oxygen. Urban storm water runoff carries debris, dirt, and chemical pollutants to bodies of water. Vegetation roof systems mitigate this problem by absorbing up to ¾ inch of rainfall -- water that would immediately run off a conventional roof system.

Contact our main office or one of our local technical consultants for assistance on the proper system for your application.

Ecology Roof Systems®

Corporate Offices

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REGIONAL OFFICES LOCATED ACROSS THE U.S.