

Bringing the garden to a whole new level...

The Garden Roof® allows the design professional to transform virtually any flat or gently sloped roof into a landscaped environment. Designed as a lightweight, low profile system, the Garden Roof® assembly can be safely installed on roof and plaza decks not engineered to handle the heavy load requirements of a traditional green roof. And because the assembly incorporates Hydrotech's Monolithic Membrane 6125®, a proven roofing/waterproofing membrane, the building owner can be assured of a water-tight structure.



Developed by Hydrotech in conjunction with ZinCo GmbH of Germany, the Garden Roof® assembly is backed by over 35 years of combined experience in premium waterproofing and green roof technologies.

The Garden Roof® provides building owners and tenants with many ecological, technical and economic benefits. Some of the advantages of the Garden Roof® assembly include:

- Enhances building's appearance
- Adds space for tenant use and recreation
- One answer to the "Urban Heat Island" problem
- Stormwater management – retain 50%–90% of a typical rain fall on the roof
- Improves building's energy efficiency
- Processes airborne toxins and re-oxygenates the air
- Creates therapeutic and peaceful environments
- Total assembly warranted, from the deck up

Extensive or Intensive Garden Roof® assemblies...

The **Extensive Garden Roof®** is ideally suited for locations that will receive little or no maintenance, or where structural capabilities are a concern. Recommended plants include sedum, herbs, grasses and other vegetation that can withstand harsh growing conditions. The soil mixture, composed primarily of mineral materials mixed with organic medium, can be very shallow (as little as three inches). The entire system is very light, weighing little more than a traditional ballast roof, allowing for safe installation on almost any existing roof.



The **Intensive Garden Roof®** incorporates plants that require regular maintenance, such as watering, fertilizing and mowing. The variety of plants possible is numerous, including sod grass lawns, perennial and annual flowers, shrubs, and even small trees. When used in conjunction with Hydrotech's full line of hardscape elements, such as architecturally finished pavers and precast items, the system is ideal for roofs and plazas that will serve as pedestrian recreational areas.



For additional information on the Garden Roof® including our Garden Roof Planning Guide, please contact Hydrotech.

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