

VIRIDIS

viridis



Euro Polymers Viridis Green roof systems offer a multitude of design features and can be used to create:

Extensive green roofs

Light weight, low cost, low maintenance, generally sedum or other mono-culture plant schemes.

Intensive green roofs

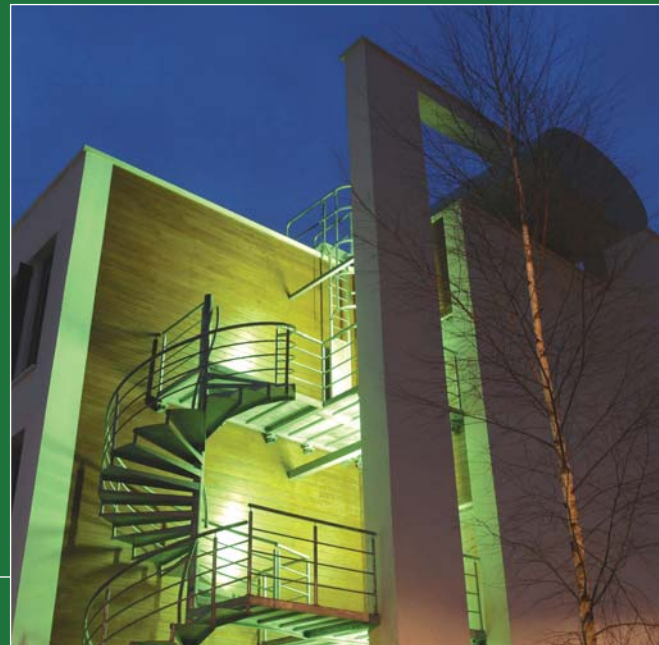
Full roof gardens incorporating trees that can be multi-functional with various plant species, (even ponds), creating recreation and wildlife corridors.

Bio-Diverse

Roughly translated as a roof that re-creates its own surrounding wildlife habitats to encourage natural flora & fauna.

Living Walls

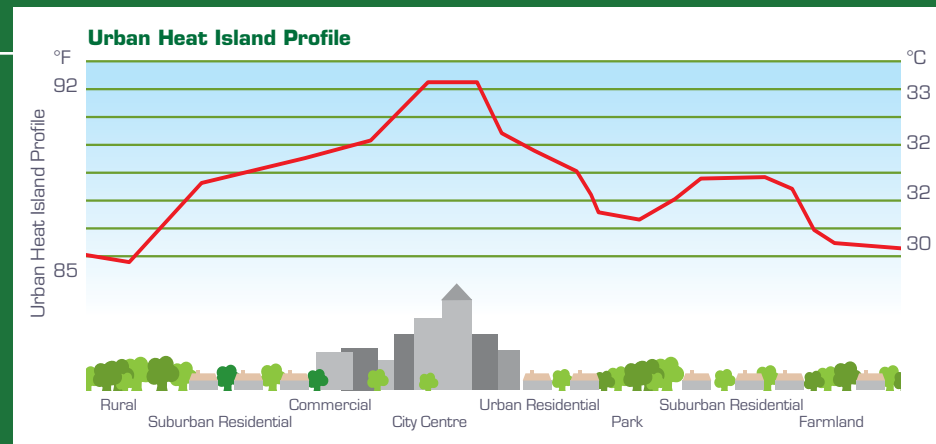
Lightweight living walls with irrigation systems and anti root coatings for building protection.



Why choose a green roof?

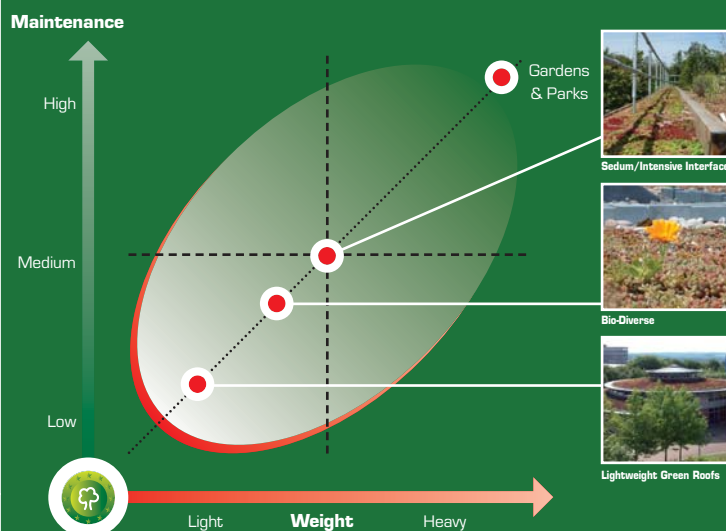
Climate Change

- The increased burning of fossil fuels has increased the atmospheric concentration of Carbon Dioxide by 30%. Result – a warmer, wetter planet.
- 15 of the hottest and wettest years in recorded history have occurred in the last 25 years.
- In England alone, an area in excess of 100 hectares of permeable land is lost every day to development.
- Globally the incidence of serious floods and storms is increasing.
- The extremes of weather we experience now will be the norm in 2060. The extremes in 2060 will be the norm in 2080.
- A Viridis System can store over 60% of rainwater helping to prevent local flood risks, making them a valuable tool in SUDS planning.



- Water held in the Viridis system is released back into the atmosphere by evapo-transpiration, rather than being transported with contaminants back to the water table through our overburdened sewerage system.
- The widespread use of plants in our environment is the only **proven** method to reduce CO² in the atmosphere.
- The vegetation layer traps airborne dust particles and pollutants, encouraging a cleaner atmosphere.
- A Viridis System offers safe new wildlife habitats.
- Reduction in the Urban Heat Island Effect, a phenomenon associated with modern building materials storing the heat from the sun.

Extensive Green Roofs



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