

Green roof on every industrial building (Even on lightweight constructions)

Creating a pleasant environment for employees by improving energy performance in summer (cooling effect) & winter (thermal insulation)

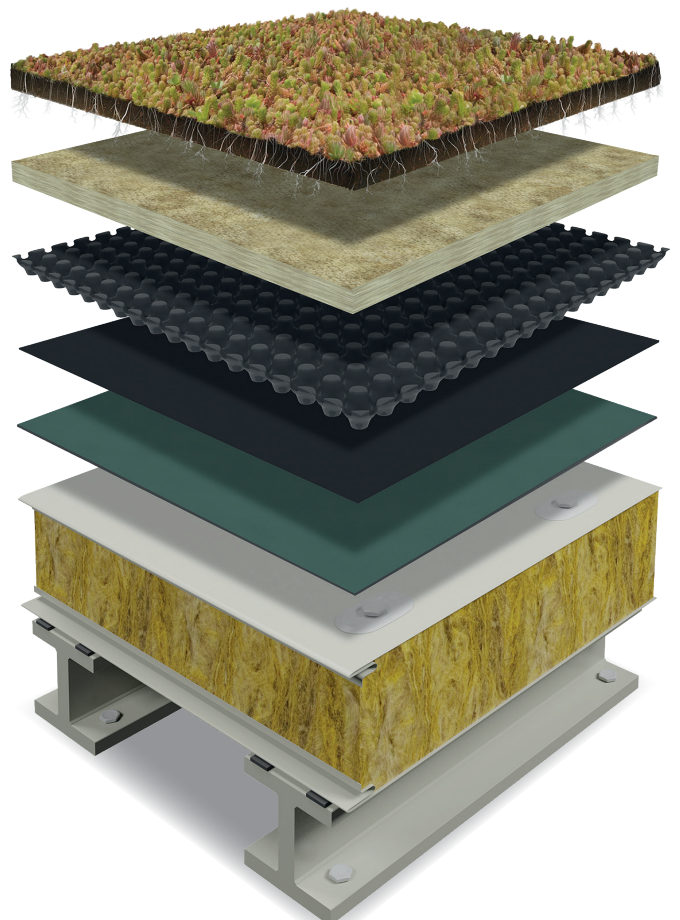
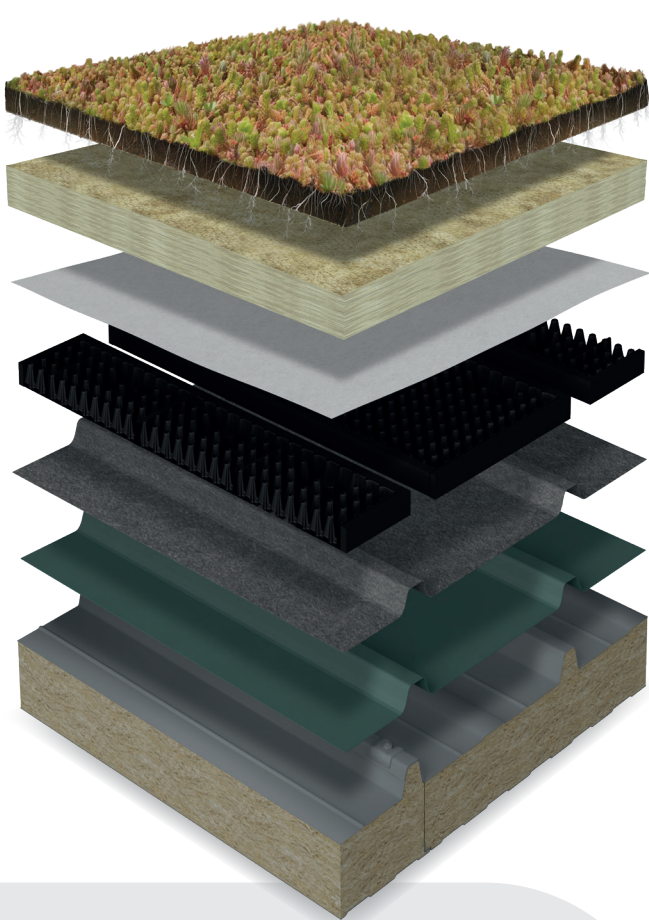
In the construction of non-residential buildings, prefabricated building elements are widely used. Key requirements which determine the design of such buildings are energy efficiency, light weight, low noise pollution, and fire safety. All those properties, and particularly the lightweight nature of the system, contribute to its popularity in the construction of industrial buildings, especially large halls and warehouses.

Green roofs have a high potential for further improvements of these kinds of sandwich panel buildings and their flat roofs. They promise a wide variety of benefits for the installers, the owners, and employees, working in such buildings.



Green roofs on industrial buildings:

- ✓ contribute to climate protection and aspects of nature conservation,
- ✓ act as a water management tool,
- ✓ improve air quality by capturing airborne particles,
- ✓ protect the core roof materials from being damaged by ultraviolet radiation and rapid temperature changes,
- ✓ reduce the energy needs of the buildings (for heating and cooling)
- ✓ improve the health and well-being of the employees
- ✓ add value to the property itself

URBANSCAPE® Green Roof System is an optimal solution for all sandwich panel and trapezoidal metal sheet flat roofs and furthermore, a great idea for converting roofs into a place of rest, providing oxygen, ensuring biodiversity, restoring the ecological cycle in nature, and overall enriching the visual urban experience in many different ways.



Main Benefits

-  **Lightweight** – system weight of 18 kg/m² (dry weight), suitable for renovations
-  **Improved fire protection** – A1 Euroclass of non-combustibility is confirmed for Urbanscape® Green Roll growing media.
-  **Super-fast installation** – 3 persons / one day / 500 m²
-  **Significant water conservation** – retention/detention capabilities – up to 90% retention capacity

Additional benefits of Urbanscape® Green Roof System:

- ✓ Energy savings in summer months due to the green layer
- ✓ Ultra thin system – 7 cm thickness
- ✓ Easy to install – all materials delivered in a roll
- ✓ Instantly green
- ✓ Better growing conditions