

OVERVIEW

SKY GARDEN GREEN ROOF MAINTENANCE

Version 1.0

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Regular maintenance is crucial to maximize the benefits of a green roof. This involves removing debris, managing weeds, inspecting for damage, and maintaining proper irrigation and drainage.

Consistently maintaining your green roof not only enhances its environmental and social advantages but also guarantees its long-term functionality, resilience, and appeal as a sustainable building element.

Sky Garden provides a comprehensive maintenance care package tailored for the upkeep of green roof systems. Our package consists of bi-annual visits scheduled during spring/summer or early autumn/winter periods.

Each visit is conducted by our own registered living roof installation teams, who possess extensive experience with green roof systems and understand the critical elements for long-term green roof success. All maintenance actions carried out at roof level are in full compliance with the appropriate health and safety regulations, and particularly those specifically dealing with working at height.

We ensure that any fertilizer and/or weed killer applications are performed by certified employees using products specifically formulated for green roof systems. These products are either natural organic or naturally derived, and our weed killers are low-impact and weed-specific.



THE DETAILS OF OUR STANDARD PACKAGE ARE AS FOLLOWS:

SPRING/SUMMER VISIT:

- Inspection of the green roof
- Fertilization as needed
- Spot weeding and targeted spraying, if necessary
- Re-seeding where required
- Clearance of debris and foliage from accessible drains and outlets

AUTUMN/WINTER VISIT:

- Inspection of the green roof
- Weeding and removal of dead flower heads
- Check for damage or displacement of materials

Prior to taking on any new maintenance, Sky Garden provides a site survey at no cost to ascertain the current state of the green roof and to determine what works are required prior to providing a maintenance package.

We also offer maintenance services, design and installation for various innovative structures, including:

- Bio Solar Roofs
- Blue Roofs
- Podiums
- Green Walls

Our expertise extends beyond traditional green roofs to encompass these diverse architectural elements, ensuring sustainable and aesthetically pleasing environments for our clients.



AT SKY GARDEN THROUGH TWICE YEARLY MAINTENANCE ON YOUR GREEN ROOF WE CAN HELP MITIGATE ANY FUTURE ISSUES SUCH AS:

VEGETATION OVERGROWTH: Without proper maintenance, plants on the green roof may become overgrown, leading to an uncontrolled and potentially unsightly appearance. Overgrown vegetation can also compete for resources, hindering the growth of desired plant species.

DRAINAGE ISSUES: Over time, debris such as leaves, twigs, and other organic matter can accumulate on the green roof, blocking drainage pathways. This can result in poor water runoff, leading to waterlogging, increased weight on the roof, and potential structural damage.

WEED INFESTATION: If not properly maintained, green roofs may become susceptible to weed growth. Weeds can outcompete desirable plants, impacting the aesthetics and overall health of the green roof.

REDUCED INSULATION AND ENERGY EFFICIENCY: Accumulation of debris and overgrown vegetation can impede the insulating properties of the green roof. This can reduce its effectiveness in regulating indoor temperatures, leading to increased energy consumption for heating and cooling.

ROOF MEMBRANE DAMAGE: Lack of maintenance may allow vegetation to penetrate the roof membrane, causing damage that can compromise the integrity of the roofing system. This can lead to leaks, water damage, and a shortened lifespan for the roof.

REDUCED BIODIVERSITY: Without proper care, the diversity of plant species on the green roof may decline. This can negatively impact the biodiversity and ecological benefits that a well-maintained green roof can provide.

RISK OF PESTS AND DISEASES: Neglected green roofs may attract pests and diseases that can harm both the plants and the overall ecosystem. Proper maintenance includes monitoring for signs of infestations and taking corrective action as needed.

POOR STORMWATER MANAGEMENT: A lack of maintenance can compromise the stormwater management capabilities of the green roof. This may result in increased runoff, contributing to local flooding and putting additional stress on stormwater management systems.

LOSS OF AESTHETIC APPEAL: Unmaintained green roofs may lose their visual appeal, affecting the aesthetic value of the building and surrounding area. This can be particularly important in settings where the green roof is visible from neighbouring buildings or public spaces.



T 01242 620905
E enquiries@sky-garden.co.uk

Head Office

Unit 3, Miller Court
Tewkesbury, Gloucestershire,
GL20 8DN

01242 620905

London Office

Kemp House,
152 City Road,
London. EC1V 2NX

02035 030927

