



# Alumasc Exterior Building Products Ltd



ZinCo Green Roof systems from Alumasc offer solutions for all applications - from the 'Ecological Protection Layer' provided by Extensive green roofs through to the fully developed 'Parkland on a roof' achieved with Intensive green roofs.

**Introduction:** *ZinCo Green Roof* systems offer many advantages for building developers, owners and users. They benefit the wider environment through their positive impact on sustainability, biodiversity and the attenuation of stormwater. Green roofs improve the quality of life for the building users whilst providing a payback for the environment and can have wide ranging long-term financial benefits.

**Authority:** *ZinCo Green Roof* components comply with appropriate requirements published in the FLL Guidelines and the Green Roof Organisation (GRO) Code of Best Practice for the UK; the latter being a document for which Alumasc was a key contributor. Alumasc's Quality Assurance management system complies with BS EN ISO 9001: 2008. Alumasc's Environmental Management System complies with BS EN ISO 14001: 2004.

## DESCRIPTION

*ZinCo Green Roof* systems broadly fall into 4 categories:

***ZinCo Extensive Green Roofs*** are low maintenance, lightweight systems where hardy succulents are planted in shallow substrate depths, typically 70-100 mm. They provide a range of ecological and environmental benefits, mostly without the need for irrigation.

***ZinCo Biodiverse Green Roofs*** function in a very similar way to extensive roofs. Only a shallow substrate depth is required, typically 50 - 150 mm. Biodiverse roofs are easy to install and lightweight.

***ZinCo Semi-Intensive Green Roofs*** require a greater, though not substantial, substrate build-up than extensive roofs, sufficient to support a more varied range of plants and large shrubs. Build-up height is typically 100 - 200 mm.

***ZinCo Intensive Green Roofs*** allow virtually limitless landscaping variety. The substrate will contain a great deal more organic matter than other green roof types to support a wide variety of plants and trees. Substrate depth can range from 150 - 1500 mm.

## Applications:

Extensive and Biodiverse Roofs support a self-sustaining plant community, do not normally require irrigation and are low maintenance. They are ideal for lightweight roof

decks, inaccessible roofs, flat or sloping roofs, and for reducing water run-off.

Intensive roofs are often indistinguishable from natural gardens and usually consist of a mixture of hard and soft landscaping.

**Accessories:** A single source solution includes a choice of Alumasc's root-resistant waterproof coverings and a range of trims, drainage outlets, inspection chambers, PV support frames, handrails and fall-arrest systems.

## ECONOMICS

Alumasc Green Roofs pay back the initial investment by prolonging the life of the underlying waterproofing. Alumasc waterproofing warranties are available for 15, 20 or 25 years.

## SERVICES

Alumasc Technical Services can advise on all aspects of product selection, specification and integration of Alumasc systems into any building design. *ZinCo Green Roofs* are installed by Alumasc approved contractors only.

# ALUMASC

## ROOFING SYSTEMS

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