

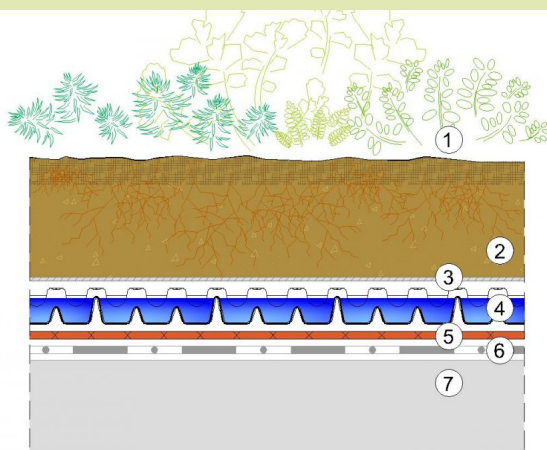
DIADEM®-150

810101

A multilayered, extensive vegetated roof system with 4" of growing medium

KEY FEATURES

- Stormwater Management: Reduces the total volume and the rate of runoff, particularly during peak storm events.
- Cost savings: Doubles roof life by protecting membrane from mechanical damage and UV exposure.
- Improved Performance: Increased thermal insulation.
- Reduced Heat Island: Moderates temperature so rooftop equipment (including solar PV) operates more efficiently.
- Increased Value: Enhances views, creates enjoyable outdoor space and provides habitat for nature.



(1)Vegetation, (2)Growing media:4", (3)VLF 150/200 filter layer:1/16", (4)DiaDrain-25H:1", (5)VLU 300/500 mechanical protection layer:1/16", (6)Root resistant waterproofing membrane:-, (7)Roof construction



APPLICATION

Extensive green roofs are an ecologically sound and economic system that can be installed on sloped roofs and on existing structures with limited load bearing capacity. Due to the thin system profile, traffic should be confined to maintenance paths or terraces. Maintenance requirements are low and irrigation is optional.

SPECIFICATION

Contact your local DIADEM representative for the current edition of standard D-150 system specification, or for assistance in specifying DIADEM products and accessories for your project.

TECHNICAL DATA

Thickness of System: (inch)	5.0"
Depth of the Growing Media: (inch)	4.0"
Dry Weight: (lbs/sqf)	15.88
Saturated Weight: (lbs/sqf)	26.05
Vegetation: (type)	Precultivated Sedum Mat
Max Water Retention Capacity: (oz/sqf)	162.71
Installation Standard: (hr/sqf)	0.11

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Green Up the Roof!