

Specification

Specification for Roof Garden Filter Media

Product Name: Roof Garden Ecomedia

Product Code: RGEL014 (Light Weight)

Description:

Purpose designed for use on structures that require a lightweight planting media, Roof Garden Ecomedia allows infiltration and treatment of contaminated water run-off from roofs or other impermeable surfaces. Roof Garden Ecomedia has a free draining structure which facilitates plant growth.

Product mixtures are purpose designed based on factors such as treatment requirements, hydrology, device, application and plant species used. Product mixtures can contain components including zeolite, clay, activated carbon, perlite, zero valent iron, ash, sawdust, organic materials and limestone and also be produced in various grades and mixtures for transition and drainage layers. The following specifications are indicative only and may vary.

Specification:

Ph	6.5 to 7.5
Organic Carbon Amendment	To AS4454 or equivalent national standard
Infiltration rate/wettability	< 5mm/m
Cat ion exchange capacity	> 30 cmol/kg (higher if metals are the target contaminant)
CN Ratio	> 25
Moisture content	> 30% < 50%
Dry weight density	800 to 950 Kg's/m ³ (subject to performance requirements of mix design)
Toxicity	> 60mm
EC	< 1 dS/m
Hydraulic Residence Time	30 mins

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