Installation Guidelines

Specific RG240 installation guidelines are based on laboratory and field testing for optimum media performance in line with Storm Water Management Guidelines and GD01. These guidelines demonstrate proven best practice.

- Bio retention layer should be a minimum of 500mm once compacted.
- 25% compaction to achieve the required Hydraulic Conductivity rate of 75mm – 300mm.
- Install in 200-300mm layers and wet to aid compaction.
- Volume compaction ratio 4:3 (i.e. 400mm loose compacts to 300mm)
- To avoid product saturation and contamination, onsite stockpiles should be limited and covered in wet weather prior to installation.
- Do not use fertilisers, herbicides, or pesticides as they may pollute water quality.
- Following installation sediment controls should be installed to avoid media contamination whilst still in construction.
- Ensure media layers are compatible and in line with architectural or council guidelines.

RG240
(Bio Retention Media)

Please feel free to contact us around site specific installation, or with any further queries.

Media Layers:

Mulch
A larger particle size that ensures rapid permeability of water and air into the underlying soil. It protects the media surface from clogging during plant establishment and prevents weeds.

RG240 (Bio Retention Media)
Engineered soil media with specific particle size distribution to manage the effects of stormwater run-off. Promoting plant growth as well as absorbing and filtering contaminants.

Transition Filter Media
Additional heavy filter material, prevents media migrating into drainage aggregate.

Underdrainage
Aggregate layer connecting to the stormwater network or waterways. (Free draining soils may not require underdrain, as runoff will drain to groundwater)