

Technical Information Melcourt Heather™

Product Description

Mature, baled, British heather ideal as a skeletal frame to support softer-textured fillers, suitable for most biofilter applications where odours are organic in origin - e.g. sewage and sludge works, food processing factories, animal by-product rendering plants, abattoirs, pet food processors, worm, maggot and pig farms.

- Very durable with an effective life of 3 years plus
- Produced in accordance with strict moorland conservation management programmes
- Good resistance to compression
- High resistance to wind erosion
- High surface area for maximum microbial activity
- Suitable as an air flow skeleton for smaller, softer biofilter media
- 6 compressed bales will fill 1m³
- 3 opened, fully fluffed bales will fill 1m³



User Benefits

- Can enhance the durability of other media
- Wiry nature minimises frequency of bed aeration or turning
- Successfully used for over 20 years
- Bales can be man-handled into confined spaces so ideal for small scale biofilters
- Can be used compressed or in 'fluffed up' form
- Minimises bed compression when soft fillers are used

Installation Rates

- Suitable for beds up to 2.00 metres deep
- Can be used in association with finer fibrous fillers. Note: Fluffed up heather will permit large volumes of other media to be contained within its matrix. Consequently volume requirements of both media needs careful calculation.
- Can also be used in layers with other compatible products
- Heather used in its "compressed" form has virtually no settlement at time of installation.
- Heather used in its "fluffed up" form can be severely recompressed if walked on, or heavy fibrous products are added to it. Additional material will be required to give the desired finished depth.



Contact

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Melcourt Heather™

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Product Specification

- The product shall be cut from mature Heather
- Thick stemmed bushy branches to predominate
- Material to be partially seasoned before delivery
- Some green foliage may be present in each bale
- Fronds up to 600mm long
- Bales to be compressed in a ratio of 2:1
- Strings to be of long life material
- Nominal bale size: 900 x 500 x 400mm

Application Rates

- Heather to be used in "compressed" or "fluffed up" form.
- Install Melcourt Heather™ to a depth of metres (*insert media filter depth required*) allowing appropriate settlement factor. (This will often vary considerably if used in conjunction with other higher bulk density fillers)
- 6 compressed bales will fill 1m³
- 3 opened, fully fluffed bales will fill 1m³

Available from

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TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal particle size range	Wood content
Heather	British	1 - 600 mm	-

Dust & fines	pH	Typical Bulk Density Range	Durability
negligible	4.5 - 6.0	325 - 400 kg/m ³	3 years +

All values given in the Technical Specification are typical. However, some variation may occur from time to time. Melcourt Industries Ltd reserves the right to alter the specification without notice, for the purpose of product improvement.