

Technical Information Melcourt Rustic Biomulch®

Product Description

A screened whole-tree chip-based mulch from our 'economy' range suitable for a wide range of professional landscape applications, including structure and roadside planting, car parks and superstores

- Particles in the range 15 to 100mm
- Naturally acidic
- Free flowing and easy to handle
- Attractive 'forest floor' appearance
- Light brown to beige in colour
- Long effective service life of 4 years plus
- Processed from sustainably produced, British coniferous whole tree chip
- Hostile living environment for pests
- 100% peat free
- Sold in 75 litre bags, bulk bags and in loose bulk



User Benefits

- Suppresses weed growth replacing expensive shrub bed hoeing and chemical weed-killing
- Conserves soil moisture, minimising drought stress and plant death and eliminating the need for excessive plant watering
- Enhances the appearance of new and existing planted areas
- Successfully used for many years on sites throughout the UK and proved to perform extremely well
- Provides an insulating layer, substantially reducing the effects of ground freezing and over-heating during extreme weather conditions
- Good resistance to wind and rain erosion
- Slowly improves the soil's organic content, as it decomposes into the soil
- Easy to lay and install, using simple tools and requiring little subsequent maintenance
- Allows clean access onto mulched area for plant pruning

How to Use

- Ensure the area to be mulched is entirely free from both annual and perennial weeds
- Lay Melcourt Rustic Biomulch™ evenly onto freshly cultivated moist soil, after planting has been completed.
- The mulch should be laid at between 50 to 100mm depths, allowing at least 5% for settlement
- For greatest longevity, do not disturb once applied



Contact

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Melcourt Rustic Biomulch®

The following text is recommended to be used by landscape architects and product specifiers, when inviting quotations for this product. The use of this text will not contravene the copyright of this publication.

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Product Specification

- The product shall consist of matured British whole tree chip with an even nominal particle size distribution of 15-100 mm with minimal dust and fines and 80% plus wood content.
- The pH to be between 4.5 and 5.5.
- The product shall be pest, disease and weed free and not have been treated with Methyl Bromide or any additives.

Process Specification

- The natural heat treatment maturing process shall have been sufficient to ensure that excess volatile substances are driven from the product.
- During the process, temperatures within the product heaps must exceed 50°C for a minimum 14 day period, followed by a further period of stabilization.

Application Rates

- Lay Melcourt Rustic Biomulch® to a finished depth of mm (*insert finished depth required*) allowing at least 5% for settlement after 30 days.

Additional Clauses

- Typical product samples to be provided upon request.
- All product volumes to be calculated using The Bulk Density method, as set out in BS EN 12579:2000 and BS EN 12580:2000.

Available from

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The following table gives a guide to the area in square metres, covered by one cubic metre, when evenly laid at the given depths:

Mulch depth required	50 mm	75 mm	100 mm
Square metres covered by 1 cubic metre of mulch	20	13.3	10

A suitable allowance for settlement should be made, as stated in 'How to Use', above.

Product settlement percentages are provided for your guidance only. If the product settles more than the minimum figure stated, it is the customer's responsibility to order sufficient additional material, to give the required finished depth.

TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal particle size range	Wood content	Dust & fines	pH
Forest Biomass	British	15 - 100 mm	> 80 %	Minimal	4.5 - 5.5

Typical Bulk Density Range	Quality range	Minimum effective depth	Settlement factor	Durability	BS 4790 Fire Tested
220 - 270 kg/m ³	Contract	50 mm	5 %	4 years +	No

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.