

## Technical Information Melcourt Composted Fine Bark™ - FSC

### Product Description

Melcourt Composted Fine Bark™ is an organic matter-rich soil conditioner, suitable for a wide range of professional and domestic landscape applications, particularly when it is required to improve the soil structure, quality, organic matter levels and water holding capacity.

- Dark brown in colour
- Free flowing and easy to handle.
- Low pH so suitable for acidic soils
- 100% peat free
- Processed from natural British sustainable materials
- Certified by the Forest Stewardship Council (FSC)
- Used by professionals and amateurs for many years, giving excellent results
- Sold in 75 litre bags, bulk bags and in loose bulk



### User Benefits

- Improves the soil's organic matter content
- Helps increase soil moisture retention
- Improves soil consistency
- Helps break up heavy lumps
- Aids nutrient retention
- Enhances root development
- Helps to reduce temperature fluctuation
- Easy to spread and incorporate using simple tools
- Extremely cost-effective

### How to Use

- Spread Melcourt Composted Fine Bark™ evenly onto the soil surface to a depth of not less than 50mm, then thoroughly incorporate into at least the top 150mm of soil
- These application rates can be exceeded on poor soils or where deeper penetration is required.
- As Melcourt Composted Fine Bark™ has a low available nutrient content it is usually advisable to apply a balanced fertilizer at the time of application if the area is to be newly planted.



### Contact

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# Melcourt Composted Fine Bark™ - FSC

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 Conifer Bark with an even nominal particle size distribution of 1-10mm and less than 5% wood content
- The product shall be Forest Stewardship Council (FSC) certified
- Typical product analysis to be :-
 

Bulk density range	390 - 440 kg/m <sup>3</sup>
Dry matter	55%
Organic matter	85%
pH	4.5 - 5.5
Cation exchange capacity	low
Nitrogen (N)	low
Phosphorus (P)	low
Potassium (K)	medium
Magnesium (Mg)	low
Electrical conductivity	150 µS/cm

 Plus a low reserve of trace elements.

## Process Specification

- The product must have been matured for a minimum of 12 weeks.
- 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 stabilisation.

## Application Rates

- Spread Melcourt Composted Fine Bark™ evenly onto the soil surface to a depth of ..... mm (*insert depth required*), then thoroughly incorporate into at least the top ..... mm (*insert incorporation depth required*) of soil.

## 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 given depths:

Depth required	50 mm	75 mm	100 mm
Square metres covered by 1 cubic metre of soil improver	20	13.3	10

## TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal particle size range	Typical Bulk Density Range	Dry Matter	Organic Matter	pH	Cation Exchange Capacity
Conifer Bark	British	1 - 10 mm	390 - 440 kg/m <sup>3</sup>	55 %	85 %	4.5 - 5.5	Low

Nitrogen (N)	Phosphorus (P)	Potassium (K)	Magnesium (Mg)	Electrical conductivity	Trace Elements
Low	Low	Medium	Low	150 µS/cm	Low

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. Product tested in accordance with methods listed in the relevant British Standards for Soil Improvers and Growing Media