

Technical Information Composted Fine Bark™

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 coniferous bark
- Certified by the Forest Stewardship Council® (FSC®)*
- Used by professionals and amateurs for many years, giving excellent results
- Sold in 50 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.

***This product is from FSC MIX Sources at a minimum of 70%,
FSC certificate number CU-COC-806457.***

**** Product sold in loose bulk is FSC certified by special request only***



Melcourt Composted Fine Bark™

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.

Product Specification

- The product shall be Forest Stewardship Council® (FSC®)* certified
- Typical product analysis to be :

| | |
|--------------------------|-----------------------------|
| Bulk density range | 390 - 440 kg/m ³ |
| 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:

| | | | |
|--|----|------|-----|
| Mulch depth required (mm) | 50 | 75 | 100 |
| Square metres covered by 1m ³ | 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 | Conifer Bark |
| Origin | British |
| Nominal particle size range mm | 1-12 mm |
| Dry Matter | 55 % |
| Organic Matter | 85% |
| pH | 4.5 - 5.5 |
| Typical Bulk Density Range | 390 - 440 kg/m ³ |
| Cation Exchange Capacity | Low |
| Nitrogen (N) | low |
| Phosphorus (P) | low |
| Potassium (K) | medium |
| Magnesium (Mg) | low |
| Electrical conductivity | 150 µS/cm |
| Trace elements | 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

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