

## Technical Information Melcourt Humus 2000™

### Product Description

Melcourt Humus™ 2000 is comprised of green residues such as soft park and garden debris, which have been naturally composted under controlled conditions, in accordance with the methods prescribed in PAS100. It is suitable for a wide variety of soil improvement applications.

- Improves soil organic matter levels
- Helps increase soil moisture retention characteristics.
- Increase the soil's nutrient reserves
- Adds to the soil's microbial population
- Dark brown in colour
- Free flowing and easy to handle
- Sold in loose bulk



### User Benefits

- Provides an economical source of a high quality soil conditioner
- Independently certified to PAS100
- Structural qualities provide immediate physical soil amelioration, particularly on difficult sites
- Decreases the bulk density of all soils, aiding cultivation.
- Adds essential plant nutrients
- Stimulates the microbial population of the soil, which is an essential ingredient for fundamental soil improvement
- Its use has a positive benefit on the environment, as the green residues would formally have been tipped in landfill sites
- Peat-free
- Easy to spread and incorporate using simple tools

### How to Use

- Spread Melcourt Humus 2000™ 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.

**Note:** Melcourt Humus 2000™ is not suitable for lime-hating plants such as rhododendrons. For these use Melcourt Composted Fine Bark™ with appropriate fertilizers



### Contact

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# Melcourt Humus 2000™

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 British Composted Plant Residue with an even nominal particle size distribution of 1-25mm, certified to PAS100. Typical product analysis

Bulk density range	450 - 510 kg/m <sup>3</sup>
Dry matter	50%
Organic matter	30 - 50%
pH	7.5 - 8.5
Cation exchange capacity	medium
Nitrogen (N)	low
Phosphorus (P)	low
Potassium (K)	medium
Magnesium (Mg)	low
Electrical conductivity	700 µS/cm

Plus a medium reserve of trace elements.

## Application Rates

- Spread Melcourt Humus 2000™ 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 the 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
Composted Plant Residue	British	1 - 25 mm	450 - 510 kg/m <sup>3</sup>	50 %	30 - 50 %	7.5 - 8.5	Medium

Nitrogen (N)	Phosphorus (P)	Potassium (K)	Magnesium (Mg)	Electrical conductivity	Trace Elements
Low	Low	Medium	Low	700 µS/cm	Medium

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