

Technical Information Melcourt Graded Bark Flakes™

Product Description

A visually striking, long lasting, high performance mulch from our 'deluxe' range, suitable for use on a wide range of professional and domestic landscape applications. Particularly effective where a high quality, decorative finish is required, for prestigious sites and where enhanced resistance to wind, slope and fire are necessary.

- Particles in the range 15 to 125mm
- Naturally acidic
- Free flowing and easy to handle
- Rich mid-brown in colour
- Long effective service life of 4 years plus
- Fire resistant characteristics, confirmed by testing in accordance with BS 4790:1987, make Melcourt Graded Bark Flakes™ particularly useful in areas of potential fire risk, e.g. car parks, vehicle fuel filling stations, adjacent to offices and pedestrian walk ways, housing estates etc
- Processed from natural, sustainably produced European pine bark
- 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
- Substantially enhances the visual 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
- 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
- Suitable on exposed, sloping and high rain-fall sites
- 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 Graded Bark Flakes™ 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 Graded Bark Flakes™

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 European Pine Bark with an even nominal particle size distribution of 15-125 mm with minimal dust and fines and less than 5% 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.
- The product shall have been tested in accordance with the requirements of BS 4790:1987, for fire resistance and be classified as having 'low' potential to burn

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 Graded Bark Flakes™ to a finished depth of mm (*insert finished depth required*) allowing at least 5% for settlement after 30 days.

Additional Clauses

- Copies of current British Standard Fire Test Certificates to be provided upon request.
- 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
Pine Bark	European	15 - 125 mm	< 5 %	Minimal	4.5 - 5.5

Typical Bulk Density Range	Quality range	Minimum effective depth	Settlement factor	Durability	BS 4790 Fire Tested
200 - 250 kg/m ³	Deluxe	50 mm	5%	4 years +	Yes

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