

## Technical Information Melcourt Spruce Ornamental™ - FSC

### Product Description

A popular high performance mulch, from our 'contract' range suitable for a wide range of professional landscape applications, including prestigious sites, car parks, superstores, business parks, tubs, plant and window boxes.

- Particles in the range 5 to 35mm
- Naturally acidic
- Easy to handle
- Dark brown in colour
- Long effective service life of 2 years plus
- Fire resistant characteristics, confirmed by testing in accordance with BS 4790:1987, make Melcourt Spruce Ornamental™ 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 mixed conifer bark
- Certified by the Forest Stewardship Council (FSC)
- 100% peat free
- Hostile living environment for pests
- 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
- 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
- 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 Spruce Ornamental™ evenly onto freshly cultivated moist soil, after planting has been completed.
- The mulch should be laid at between 75 to 100mm depths, allowing at least 10-15% for settlement
- For greatest longevity, do not disturb once applied.



### Contact

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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 5-35mm with < 5 % dust and fines and less than 15% 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 be Forest Stewardship Council (FSC) certified
- 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 Spruce Ornamental™ to a finished depth of ..... mm (*insert finished depth required*) allowing at least 10% 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
Conifer Bark	British	5 - 35 mm	< 15 %	< 5 %	4.5 - 5.5

Typical Bulk Density Range	Quality range	Minimum effective depth	Settlement factor	Durability	FSC Certified	BS 4790 Fire Tested
280 - 350 kg/m <sup>3</sup>	Contract	75 mm	10 - 15%	2 years +	Yes	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.