Melcourt®
Industries Limited
Proven • Safe • Sustainable

Technical Information
Melcourt Pine Mini Chips™

Product Description

A neat, small chip, high-performance mulch, from our 'deluxe' range, suitable for a wide range of mulching applications, particularly on smaller beds and borders or tubs, pots, window boxes and roof gardens

- Nominal particle size range 3 - 18mm
- Naturally acidic
- Free-flowing and easy to handle
- Very attractive appearance
- Rich mid-brown in colour
- Effective service life of 2 years plus
- Processed from natural, sustainably produced pine bark
- Certified by the Forest Stewardship Council® (FSC®)
- Hostile living environment for pests
- 100% peat free
- Sold in 60 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
- 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 Mini Chips™ 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
- When used in tubs, pots and window boxes, spread to a minimum depth of 50mm, onto moist soil or compost. As the mulch will remain loose, ensure that there is a sufficient depth of rim to contain the bark.

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

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Melcourt Pine Mini Chips™

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 consist of predominantly matured British pine bark with an even nominal particle size distribution of 3-18 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 any additives.
- The product shall be Forest Stewardship Council® (FSC®) certified

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 Pine Mini Chips™ to a finished depth of ..... mm (insert finished depth required) allowing at least 5% for settlement after 30 days

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 1m³	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	Pine bark
Origin	British
Nominal particle size range mm	3-18 mm
Wood content	< 5 %
Dust and Fines	Minimal
pH	4.5 - 5.5
Typical Bulk Density Range	250 - 320 kg/m³
Quality Range	Deluxe
Minimum effective depth	50 mm
Settlement factor	5-10%
Durability	2+ years
FSC Certified	YES
BS 4790 Fire Tested	NO

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.