



Melcourt Mulch Product Specification and Performance Guide

	Bark Based						
	<u>Melcourt Bark Nuggets®</u>	<u>Melcourt Ornamental Bark Mulch™</u>	<u>Melcourt Pine Mini Mulch™</u>	<u>Melcourt Amenity Bark Mulch™</u>	<u>Melcourt Spruce Ornamental Mulch™</u>	<u>Melcourt Redwood Bark Chips™</u>	<u>Melcourt Contract Bark Mulch™</u>
1. Main constituent	Pine, Douglas Fir and Larch Bark	Pine Bark	Pine Bark	Conifer Bark	Conifer Bark	Pine, Douglas Fir and Larch Bark	Conifer Bark
2. Origin	European	European	European	British	British	British	British
3. Nominal particle size range	15 - 65 mm	5 - 35 mm	3 - 18 mm	5 - 75 mm	5 - 35 mm	5 - 35 mm	1 - 65 mm
4. Wood content	< 5 %	< 5%	< 5 %	< 15 %	< 15 %	< 7.5 %	< 25 %
5. Dust & fines	Minimal	Minimal	Minimal	< 5 %	< 5 %	Minimal	< 10 %
6. pH	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5
7. Typical Bulk Density Range	200 - 250 kg/m ³	200 - 250 kg/m ³	250 - 320 kg/m ³	280 - 320 kg/m ³	280 - 350 kg/m ³	200 - 250 kg/m ³	300 - 380 kg/m ³
8. Quality Range	Deluxe	Deluxe	Deluxe	Contract	Contract	Contract	Economy
9. Minimum effective depth	50 mm	50 mm	50 mm	75 mm	75 mm	50 mm	75 mm
10. Settlement factor	5 %	5 - 10 %	5 - 10 %	10 - 15 %	10 - 15 %	5 - 10 %	10 - 20 %
11. Durability	4 years +	2 years +	2 years +	2 years +	2 years +	2 years +	1 year +
12. BS 4790:1987 Fire tested	Yes	Yes	No	Yes	Yes	Yes	No
13. FSC Certified	Yes	No	No	Yes	Yes	Yes	Yes
14. Porosity to rain	*****	****	****	*****	****	****	**
15. Porosity to air	*****	****	****	*****	***	****	**
16. Resistance to rain erosion	*****	***	***	*****	***	***	***
17. Resistance to wind erosion	****	***	***	****	***	***	**
18. Resistance to fire	*****	*****	*****	*****	*****	*****	*****
19. Stability on slopes	Up to 35°	Up to 25°	Up to 25°	Up to 25°	Up to 25°	Up to 25°	Up to 15°
20. Insulation properties	****	***	***	****	***	***	***
21. Consistency of product	*****	*****	*****	****	****	*****	**

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Melcourt Mulch Product Specification and Performance Guide (Continued)

	Wood Based			Composted Plant Residue
	<u>Melcourt Rustic Biomulch®</u>	<u>Melcourt Decorative Biomulch®</u>	<u>Melcourt Forest Biomulch®</u>	<u>Melcourt Mulch 2000™</u>
1. Main constituent	Forest Biomass	Forest Biomass	Forest Biomass	Composted Plant Residue
2. Origin	British	British	British	British
3. Nominal particle size range	15 - 100 mm	5 - 25 mm	1 - 45 mm	1 - 45 mm
4. Wood content	> 80 %	> 65 %	> 70 %	High
5. Dust & fines	Minimal	< 5 %	< 7.5 %	Low
6. pH	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	7.5 - 8.5
7. Typical Bulk Density Range	220 - 270 kg/m ³	230 - 280 kg/m ³	250 - 300 kg/m ³	250 - 300 kg/m ³
8. Quality Range	Contract	Contract	Economy	Economy
9. Minimum effective depth	50 mm	50 mm	50 mm	50 mm
10. Settlement factor	5 %	5 - 10 %	10 - 20 %	10-15 %
11. Durability	4 years +	3 years +	3 years +	1 years +
12. BS 4790:1987 Fire tested	No	No	No	No
13. FSC Certified	No	No	No	No
14. Porosity to rain	*****	****	****	***
15. Porosity to air	*****	*****	****	****
16. Resistance to rain erosion	*****	*****	****	***
17. Resistance to wind erosion	*****	***	****	***
18. Resistance to fire	****	****	****	**
19. Stability on slopes	Up to 40°	Up to 30°	Up to 35°	Up to 50°
20. Insulation properties	***	****	****	***
21. Consistency of product	****	*****	****	****

Contact

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Notes

- Lines 3,4 and 5 The sizes and percentages(by weight) are nominal. By the nature of these products, it is not possible to be exact and there might be a small variation.
- Line 6 pH is measured using the methods specified in BS EN 13037, *Soil improvers and growing media - Determination of pH*
- Line 9 This is the minimum effective spreading depth after settlement for the product to function adequately. For improved effect, the depth could be increased.
- Line 10 This is the minimum reduction in product depth 30 days after laying.
- Line 11 These figures are taken from our practical experience. The life expectancy of all mulches depends on the grade, the original spreading depth prior soil preparation, and subsequent topping-up and maintenance.
- Line 12 These products have been independently tested by WIRA Testing Centre for fire resistance, according to BS 4790:1987
- Line 13 These products are pest, disease and weed free, and have not been treated with methyl-bromide or any additive, pesticides, colorants or dyes.
- Lines 14-21 **Key**
- ***** Very good
 - **** Good
 - *** Moderate
 - ** Poor
 - * Very poor

All values given in the Product 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.



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