

Melcourt Mulch Product Technical Specification Guide

	BARK-BASED						WOOD-BASED	
	<u>Melcourt Bark Nuggets®</u>	<u>Melcourt Ornamental Bark Mulch™</u>	<u>Melcourt Pine Mini Chips™</u>	<u>Melcourt Amenity Bark Mulch™</u>	<u>Melcourt Spruce Ornamental Mulch™</u>	<u>Melcourt Contract Bark Mulch™</u>	<u>Melcourt Rustic Biomulch®</u>	<u>Melcourt Forest Biomulch®</u>
1. Main constituent	Pine, Douglas fir and larch bark	Pine, Douglas fir and larch bark	Pine bark	Mixed conifer bark	Mixed conifer bark	Mixed conifer bark	Forest biomass	Forest biomass
2. Origin	British	British	British	British	British	British	British	British
3. Nominal particle size range	15 - 65 mm	5 - 35 mm	3 - 18 mm	30 - 75 mm	5 - 35 mm	0 - 65 mm	15 - 100 mm	0 - 45 mm
4. Wood content	< 5 %	< 5 %	< 5 %	< 15 %	< 15 %	< 25 %	> 80 %	> 70 %
5. Dust & fines	Minimal	Minimal	Minimal	< 5 %	< 5 %	< 10 %	Minimal	< 7.5 %
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	4.5 - 5.5
7. Typical Bulk Density Range (kg/m3)	200 - 250	200 - 250	250 - 320	280 - 320	280 - 350	300 - 380	220 - 270	250 - 300
8. Quality Range	Deluxe	Deluxe	Deluxe	Contract	Contract	Economy	Contract	Economy
9. Minimum effective depth	50 mm	50 mm	50 mm	75 mm	75 mm	75 mm	50 mm	50 mm
10. Settlement factor	5 %	5 - 10 %	5 - 10 %	10 - 15 %	10 - 15 %	10 - 20 %	5 %	10 - 20 %
11. Durability	4 years +	2 years +	2 years +	2 years +	2 years +	1 year +	4 years +	3 years +
12. BS 4790:1987 Fire tested	Yes	Yes	No	Yes	Yes	No	No	No
13. FSC Certified	Yes	Yes	Yes	Yes	Yes	Yes	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 35°	Up to 25°	Up to 25°	Up to 25°	Up to 25°	Up to 15°	Up to 40°	Up to 35°
20. Insulation properties	****	***	***	****	***	***	***	****
21. Consistency of product	****	***	***	****	****	**	****	****

