

Melcourt Grower Product Technical Specification Guide

	Growing Medium Ingredients						
	<u>Melcourt Potting Bark™</u>	<u>Melcourt Propagating Bark™</u>	<u>Melcourt Sylvafibre®</u>	<u>Melcourt Growbark® - Pine</u>	<u>Melcourt Growbark® - Mixed Conifer</u>	<u>Melcourt Hortibark® - Pine</u>	<u>Melcourt Hortibark® - Mixed Conifer</u>
1. Main constituent	Pine Bark	Pine Bark	Wood fibre	Pine Bark	Mixed Conifer Bark	Pine Bark	Mixed Conifer Bark
2. Origin	European	European	British	European	British	European	British
3. Nominal particle size range	3 - 15 mm	2 - 7 mm	0 - 6 mm	0 - 5 mm	0 - 6 mm	0 - 15 mm	0 - 12 mm
4. Wood content	< 3 %	< 3 %	> 80 %	< 5%	< 5 %	< 5 %	< 30 %
5. Dust & fines	< 3 %	< 5 %	40%	40 %	45 %	20 %	20 %
6. pH	4.5 - 5.5	4.5 - 5.5	5.5 – 6.5	4.5 - 5.5	5.5 - 6.5	4.5 - 5.5	5.0 – 6.0
7 Typical Bulk Density Range	290 - 330 kg/m ³	290 - 330 kg/m ³	380 - 420 kg/m ³	330 - 370 kg/m ³	400 - 460 kg/m ³	300 - 340 kg/m ³	380 - 460 kg/m ³
8. Moisture Content by weight	53 %	50 %	55 %	40 %	52 %	45 %	60%
9. Air-Filled Porosity	62 %	58 %	25%	23%	30 %	40 %	48 %
10. Electrical Conductivity	100 µS/cm	100 µS/cm	120 µS/cm	100 µS/cm	150 µS/cm	100 µS/cm	180 µS/cm
11. Plant Available Nutrient Content	negligible	negligible	negligible	negligible	negligible	negligible	negligible
12.Requirement for Supplementary Nitrogen	Yes, except ericaceous subjects	No	No	yes, except ericaceous subjects	yes, except ericaceous subjects	yes, except ericaceous subjects	yes, except ericaceous subjects
13. Soil Assoc. Approved	Yes	Yes	No	Yes	Yes	Yes	Yes
14. FSC Certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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 5 "Dust and Fines" refers to particles less than 1 mm in diameter.
- Line 6,7.8 and 10 These analyses are carried out in accordance with methods described in BS EN European Standards for Soil Improvers and Growing Media.
- Line 9 Air-filled porosity analysis carried out in accordance with the method described in British Standard 4156:1990 for peat.
- Line 11 Plant available nutrient levels in Melcourt Grower products are very low, allowing complete flexibility of fertilizer additions. Detailed analyses are available on request.
- Line 12 See Guidance Notes for details of supplementary nitrogen requirements.
- Line 13 These products are approved by the Soil Association as restricted inputs into organic systems.
- Line 14 These products are from FSC Mixed Sources at a minimum of 50%, FSC certificate number CU-COC-806457.

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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