



## Melcourt Play Product Specification and Performance Guide

	<u>Melcourt Playbark® 10/50</u>	<u>Melcourt Playbark® 8/25</u>	<u>Melcourt Playchips®</u>	<u>Melcourt Kushyfall®</u>	<u>Melcourt Softfall™</u>	<u>Melcourt Playsand™</u>
<b>1. Main constituent</b>	Pine Bark	Pine Bark	Wood	Wood	Wood	Silica sand
<b>2. Origin</b>	European	European	British	British	British	British
<b>3. Nominal particle size range</b>	10 - 50 mm	8 - 25 mm	5 - 40 mm	3 - 30 mm	1 - 100 mm	0.25 - 0.45 mm
<b>4. Wood content</b>	< 5 %	< 5 %	> 85 %	> 95 %	> 70 %	0 %
<b>5. Dust &amp; fines</b>	Minimal	Minimal	Minimal	Minimal	< 15 %	nr
<b>6. Typical Bulk Density Range</b>	210 - 260 kg/m <sup>3</sup>	210 - 260 kg/m <sup>3</sup>	260 - 310 kg/m <sup>3</sup>	250 - 300 kg/m <sup>3</sup>	80 - 130 kg/m <sup>3</sup>	1500 kg/m <sup>3</sup>
<b>7. Quality range</b>	Deluxe	Deluxe	Deluxe	Contract	Economy	Deluxe
<b>8. Settlement factor</b>	10 % +	10 % +	10 % +	15 % +	20 % +	< 5 %
<b>9. Durability</b>	4 - 6 years	3 - 5 years	2 - 4 years	2 - 4 years	2 - 3 years	6 - 8 years
<b>10. BS EN 1176 compliance</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>11. BS EN 1176 CFH tested at 100mm, 200mm and 300mm depths</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>12. BS 4790:1987 Fire tested</b>	Yes	Yes	Yes	Yes	Yes	100 % resistant
<b>13. Resistance to fire</b>	****	***	***	***	**	*****
<b>14. FSC Certified</b>	Yes	Yes	Yes	No	No	No
<b>15. Porosity to rain</b>	*****	****	****	***	***	***
<b>16. Porosity to air</b>	*****	****	****	**	**	**
<b>17. Resistance to rain erosion</b>	*****	****	****	***	***	***
<b>18. Resistance to wind erosion</b>	****	***	***	**	**	**
<b>19. Stability on slopes</b>	Up to 30°	Up to 25°	Up to 20°	Up to 20°	Up to 20°	Up to 5°
<b>20. Insulation properties</b>	****	***	***	***	***	***
<b>21. Consistency of product</b>	*****	*****	****	****	***	*****

### Contact

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### Notes

- Lines 3,4 and 5** The sizes and percentages are nominal. By the nature of these products, it is not possible to be exact and there might be a small variation.
- Line 7** Melcourt products are classified in 'deluxe', 'contract' and 'economy' product ranges.
- Line 8** This is the likely reduction in product depth, 30 days after installation.
- Line 9** These figures are taken from our practical experience over many years. Life expectancy of LIAS will depend on the initial installation depth, subsequent topping up and maintenance; together with the number of children using the play facility.
- Line 10** These products comply with the examples of product specification, as set out in EN 1176 Table A.1
- Line 11** These products have been independently tested by BSI Testing or The Centre for Sports Technology in accordance with the requirements of BS EN1176 at depths of 300mm, 200mm and 100mm.
- Line 12** These products have been independently tested by WIRA Testing Centre, for fire resistance, in accordance with the requirements of BS 4790:1987.
- Line 14** These products are from FSC Mixed Sources at a minimum of 50%, FSC certificate number CU-COC-806457.
- Lines 13, 15-18, 20-21**
- |            |           |
|------------|-----------|
| <b>Key</b> |           |
| *****      | 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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