

## Playbark 10/50

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### Product Description

**Playbark 10/50** is a well-graded, pine bark-based **Loose Impact Absorbing Surface (LIAS)** suitable for use beneath all types of children's play equipment, including climbing frames, swings, slides and space nets. This product is **specifically engineered** to meet the rigorous demands of public play areas, combining safety, visual appeal, and environmental friendliness.

It is **reddish brown**, free-draining, and frost-resistant — ensuring year-round usability. Clean and virtually free of dust and fines, it offers excellent wind resistance and a **naturally pest-hostile environment**. Once its play use is complete, it can be **repurposed as mulch or a soil improver**, minimising waste.

### Key Features

- **Material:** Pine bark (predominantly coniferous)
- **Colour:** Natural reddish brown
- **Particle Size:** 10–50mm range
- **White Wood Content:** <5% by volume
- **Dust & Fines:** Minimal — virtually dust-free
- **Durability:** 3–5 years+, depending on use and maintenance
- **Drainage:** Free-draining, usable during wet conditions
- **Pest Resistance:** Naturally hostile environment for pests
- **Reusability:** Can be used as mulch or soil conditioner at end-of-life
- **Wind Erosion:** Good resistance when laid at correct depth

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### Compliance & Certification

- ✓ **BS EN 1176:** Playground equipment and surfacing standard – suitable
- ✓ **BS EN 1177:** Tested for critical fall heights up to 3.0m (at correct depth)
- ✓ **BS 4790:1987:** Fire tested – low ignition risk
- ✓ **FSC® Certified:** Responsibly and sustainably sourced
- ✓ **Non-toxic:** Safe for children, pets, and plants

### Applications

- Public and private playgrounds
- Schools and nurseries
- Under swings, slides, climbing frames, space nets
- Forest schools and natural play zones
- Domestic play areas

### Technical Performance

Property	Typical Value
Particle Size	10–50mm
Dust & Fines	Minimal
Durability	3–5 years+, depending on conditions
Drainage	Excellent, free-draining
Critical Fall Height	Up to 3.0m (at 300mm depth, EN 1177)
Fire Testing	BS 4790:1987 – low ignition risk

## Installation Guidelines

- **Recommended Depth:**
  - **300mm** for critical fall height up to 3.0m (as per BS EN 1177)
  - **200mm** for lower-risk zones or low equipment
- **Surface Base:** Install over a level, free-draining surface or geotextile membrane
- **Maintenance:**
  - **Inspect weekly to monthly** depending on use
  - **Rake regularly** to maintain level and relieve compaction
  - **Top up as needed** to maintain critical fall depth
  - **Remove debris** to maintain hygiene and performance

Format	Approx. Volume	Delivery Options
Bulk Bags	~0.6–1.0m <sup>3</sup>	HIAB Crane
Loose Bulk	From 1m <sup>3</sup>	Tipper truck delivery

## Environmental & Safety Notes

- Fully **natural and biodegradable**
- Sourced from **FSC® certified** operations
- **Non-toxic** and safe for use in children's areas
- **No artificial colouring**, binding agents or chemical treatment
- Fully recyclable — reuse as garden mulch or soil conditioner after use

