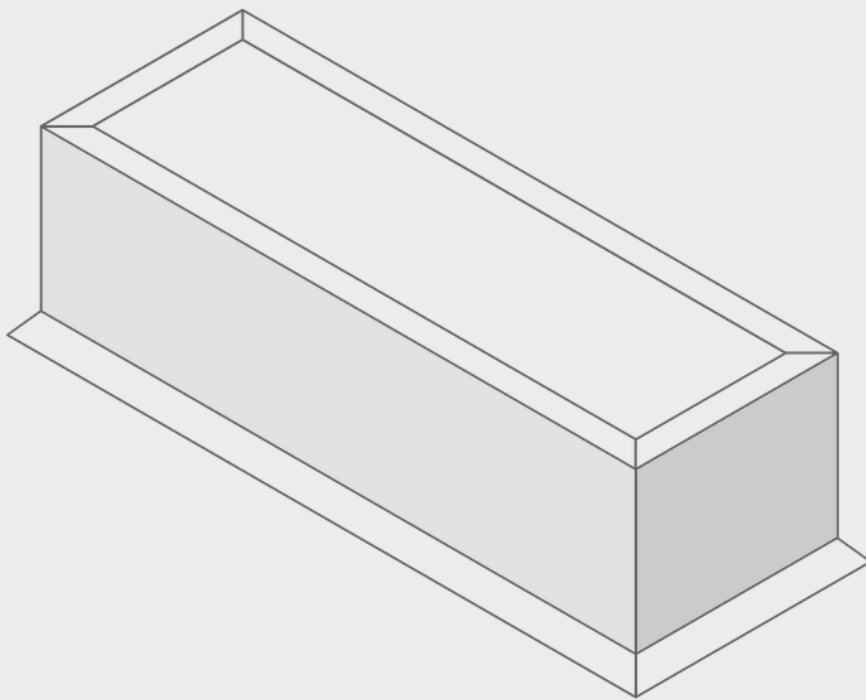


## ► **PLANTERLITE**

Technical data sheet



Reference:

**DS-PL-1026**

## PLANTERLITE — PRODUCT RANGE

| Range          | Shape        | Size range (mm)                 | Weight (kg) | Colourways / finish            |
|----------------|--------------|---------------------------------|-------------|--------------------------------|
| Cove           | Bowl         | Ø280–1100 × H210–720            | 2.5–50      | Rustic, Dark Grey, Sand        |
| Pebble         | Bench trough | L1100 × D440 × H420             | 25          | Rustic, Dark Grey, Sand        |
| Dune Troughs   | Trough       | L600–1200 × D280–600 × H280–600 | 8.5–35      | Dune (weathering-steel finish) |
| Dune Cylinders | Cylinder     | Ø250–1000 × H250–1000           | 4.0–60      | Dune (weathering-steel finish) |
| Dune Boxes     | Box          | L240–500 × D240–500 × H240–500  | 4.0–18      | Dune (weathering-steel finish) |
| Mica Boxes     | Box          | L220–650 × D220–650 × H220–650  | 3.0–25      | Slate Grey (natural finish)    |
| Mica Troughs   | Trough       | L500–1000 × D160–450 × H170–450 | 4.5–25      | Slate Grey (natural finish)    |
| Mica Cylinders | Cylinder     | Ø220–650 × H220–650             | 3.0–25      | Slate Grey (natural finish)    |
| Flint Troughs  | Trough       | L600–1000 × D280–450 × H280–450 | 8.5–30      | Black, Grey, White             |
| Flint Boxes    | Box          | L240–500 × D240–500 × H240–500  | 4.0–18      | Black, Grey, White             |

171 SKU variants across 19 ranges and multiple colourways. Sizes and weights shown are min–max across each range — full SKU codes, barcodes and pricing available on request.

### TYPICAL SIZING (GENERAL GUIDE)

| Dimension  | Minimum | Maximum |
|------------|---------|---------|
| Width (W)  | 250 mm  | 500 mm  |
| Height (H) | 250 mm  | 500 mm  |

Indicative range for standard planters — individual lines vary, see Product Range table above.

### COMPOSITION & AVAILABILITY

**Composition:** magnesium & sand composite, pasted over a fibreglass mesh for added stability and frost resistance (>95% biodegradable content).

**Available finishes:** over 100 finishes and size variations available on request.

## ABOUT PLANTERLITE

Planterlite is an eco-friendly material that has demonstrated excellent resilience in many climates over the last decade.

Whilst it has similar qualities to Fibrecly, different manufacturing techniques and blends offer improved durability, UV resistance and colour stability (with no leaching).

Planterlite mostly consists of naturally occurring magnesium dredged from lakes and rivers. This is mixed with sand and coloured powder, before being pasted over a small fibreglass mesh for added stability and improved frost resistance.

Over 95% of the composite is biodegradable. The manufacture of Planterlite requires only a fraction of the energy used for other planter types, as it sets naturally without kiln firing or machine moulding.

## KEY BENEFITS

**Lightweight & roof-ready** – up to 80% lighter than comparable concrete planters, ideal for rooftops, terraces and podiums.

**Durable by design** – magnesium-and-sand composite reinforced with a fibreglass mesh, giving excellent UV resistance, colour stability and frost resistance.

**Low maintenance** – easy to clean with no repainting, rust or corrosion.

**Design flexibility** – available in a wide range of contemporary shapes, sizes and colours.

**Easy installation** – lightweight construction simplifies handling, positioning and future relocation.

**Built for commercial landscapes** – suitable for residential, hospitality, commercial and public realm projects.

## CLIMATE TESTING

- Climate Change Test (DIN EN 60068-2-38:2010): 240 hours. Samples remained structurally intact; minor surface pinholes observed after testing.
- Artificial Weathering Test (DIN EN ISO 4892-3:2016): 500 hours. No visual surface change after artificial weathering.

## MAINTENANCE & CARE

Planterlite planters are designed for durable, low-maintenance performance in both indoor and outdoor environments.

### Cleaning

- Clean regularly with warm water and a mild, pH-neutral detergent.
- Use a soft cloth or non-abrasive brush for stubborn marks.
- Rinse thoroughly and allow to dry.
- Avoid abrasive cleaners, harsh chemicals and wire brushes.

### Outdoor care

- Keep drainage holes clear of soil and debris.
- Remove standing water and organic build-up regularly.
- Clean spills promptly to minimise staining.
- Avoid metal tools and aggressive de-icing products during winter.

### Indoor care

- Dust and wipe surfaces regularly.
- Where planting directly into the planter, use a suitable liner or drip tray and avoid overwatering.

**Natural weathering:** minor variations, surface imperfections and changes in colour or texture are natural characteristics and may develop over time.

**Moving:** empty planters before moving. Use suitable lifting equipment where required and avoid dragging across finished surfaces.

With routine cleaning and good drainage, Planterlite requires minimal ongoing maintenance.

## PRODUCT RANGE GALLERY

Every Planterlite shape. Sizes shown are the full min-max span across each shape — see the Product Range table for individual SKUs.



### Pebble

Rustic, Dark Grey and Sand finish — L1100 × W440 × H420mm, 25kg.



### Cove

Rustic, Dark Grey or Sand finish — 280–1100 × H210–720mm, 2.5–50kg



### Flint

Trough — L600–1000 × D280–450 × H280–450mm, 8.5–30kg

Box — L240–500 × D240–500 × H240–500mm, 4.0–18kg

Colours: Black, Grey, White



### Dune

Trough — L600–1200 × D280–600 × H280–600mm, 8.5–35kg

Cylinder — Ø250–1000 × H250–1000mm, 4.0–60kg

Box — L240–500 × D240–500 × H240–500mm, 4.0–18kg

Finish: weathering-steel Dune (single signature finish)



### Mica

Box — L220–650 × D220–650 × H220–650mm, 3.0–25kg

Trough — L500–1000 × D160–450 × H170–450mm, 4.5–25kg

Cylinder — Ø220–650 × H220–650mm, 3.0–25kg

Finish: Slate Grey (single signature finish)