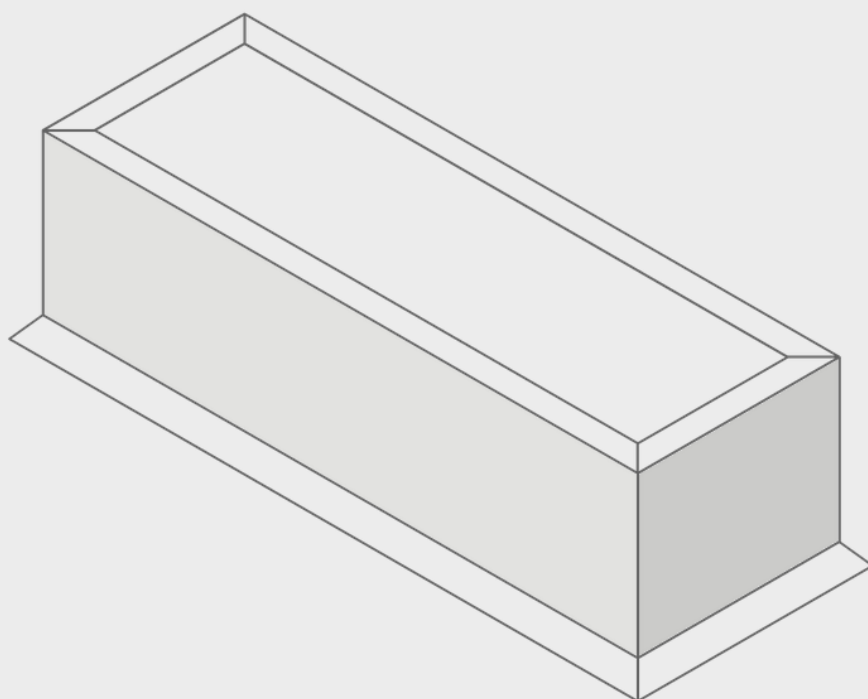


► **PLANTERLITE**

Technical data sheet



Reference:

DS-PL-1026

PLANTERLITE — PRODUCT RANGE & SIZE OPTIONS

Range	Shape	Size (mm)	Weight (kg)	Colourways / finish	SKU
Cove 5 sizes	Bowl	Ø276 × H205	2.5	Rustic, Dark Grey, Sand	PLL-COV-RUS-276x205 PLL-COV-DGR-276x205 PLL-COV-SAN-276x205
		Ø396 × H295	5.0		PLL-COV-RUS-396x295 PLL-COV-DGR-396x295 PLL-COV-SAN-396x295
		Ø453 × H390	8.5		PLL-COV-RUS-453x390 PLL-COV-DGR-453x390 PLL-COV-SAN-453x390
		Ø815 × H565	27.0		PLL-COV-RUS-815x565 PLL-COV-DGR-815x565 PLL-COV-SAN-815x565
		Ø1095 × H715	50.0		PLL-COV-RUS-1095x715 PLL-COV-DGR-1095x715 PLL-COV-SAN-1095x715
Pebble 1 size	Bench trough	L1100 × D440 × H420	25.0	Rustic, Dark Grey, Sand	PLL-PEB-RUS-1100x440x420 PLL-PEB-DGR-1100x440x420 PLL-PEB-SAN-1100x440x420
Dune Troughs 4 sizes	Trough	L596 × D276 × H275	8.5	Dune (weathering-steel finish)	PLL-DUT-COR-596x276x275
		L796 × D346 × H345	14.5		PLL-DUT-COR-796x346x345
		L996 × D446 × H445	25.0		PLL-DUT-COR-996x446x445
		L1200 × D600 × H600	35.0		PLL-DUT-COR-1200x600x600
Dune Cylinders 9 sizes	Cylinder	Ø245 × H245	4.0	Dune (weathering-steel finish)	PLL-DUC-COR-245x245
		Ø300 × H300	6.0		PLL-DUC-COR-300x300
		Ø360 × H360	8.0		PLL-DUC-COR-360x360
		Ø420 × H420	12.0		PLL-DUC-COR-420x420
		Ø480 × H480	18.0		PLL-DUC-COR-480x480
		Ø560 × H560	25.0		PLL-DUC-COR-560x560
		Ø750 × H750	35.0		PLL-DUC-COR-750x750
		Ø900 × H900	45.0		PLL-DUC-COR-900x900
		Ø1000 × H1000	60.0		PLL-DUC-COR-1000x1000
Dune Boxes 4 sizes	Box	L240 × D240 × H240	4.0	Dune (weathering-steel finish)	PLL-DUB-COR-240x240x240
		L300 × D300 × H300	6.0		PLL-DUB-COR-300x300x300
		L400 × D400 × H400	11.5		PLL-DUB-COR-400x400x400
		L500 × D500 × H500	18.0		PLL-DUB-COR-500x500x500
Mica Boxes 7 sizes	Box	L216 × D216 × H215	3.0	Slate Grey (natural finish)	PLL-MIB-SGR-216x216x215
		L266 × D266 × H260	4.6		PLL-MIB-SGR-266x266x260
		L316 × D316 × H310	6.4		PLL-MIB-SGR-316x316x310
		L376 × D376 × H365	8.6		PLL-MIB-SGR-376x376x365
		L441 × D441 × H445	12.7		PLL-MIB-SGR-441x441x445
		L546 × D546 × H545	18.9		PLL-MIB-SGR-546x546x545
		L645 × D645 × H645	25.0		PLL-MIB-SGR-645x645x645

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Range	Shape	Size (mm)	Weight (kg)	Colourways / finish	SKU
Mica Troughs 5 sizes	Trough	L496 × D156 × H165	4.5	Slate Grey (natural finish)	PLL-MIT-SGR-496x156x165
		L596 × D226 × H225	7.0		PLL-MIT-SGR-596x226x225
		L696 × D286 × H295	11.0		PLL-MIT-SGR-696x286x295
		L796 × D356 × H355	16.5		PLL-MIT-SGR-796x356x355
		L996 × D446 × H445	25.0		PLL-MIT-SGR-996x446x445
Mica Cylinders 7 sizes	Cylinder	Ø220 × H220	3.0	Slate Grey (natural finish)	PLL-MIC-SGR-220x220x220
		Ø270 × H270	4.6		PLL-MIC-SGR-270x270x270
		Ø320 × H320	6.4		PLL-MIC-SGR-320x320x320
		Ø380 × H380	8.6		PLL-MIC-SGR-380x380x380
		Ø450 × H450	12.7		PLL-MIC-SGR-450x450x450
		Ø550 × H550	18.9		PLL-MIC-SGR-550x550x550
		Ø650 × H650	25.0		PLL-MIC-SGR-650x650x650
Flint Troughs 3 sizes	Trough	L596 × D276 × H275	8.5	Black, Grey, White	PLL-FLT-BLK-596x276x275
					PLL-FLT-GRE-596x276x275
					PLL-FLT-WHI-596x276x275
		L796 × D346 × H345	14.5		PLL-FLT-BLK-796x346x345
					PLL-FLT-GRE-796x346x345
					PLL-FLT-WHI-796x346x345
L996 × D446 × H445	30.0	PLL-FLT-BLK-996x446x445			
		PLL-FLT-GRE-996x446x445			
		PLL-FLT-WHI-996x446x445			
Flint Boxes 4 sizes	Box	L240 × D240 × H240	4.0	Black, Grey, White	PLL-FLB-BLK-240x240x240
					PLL-FLB-GRE-240x240x240
					PLL-FLB-WHI-240x240x240
		L300 × D300 × H300	6.0		PLL-FLB-BLK-300x300x300
					PLL-FLB-GRE-300x300x300
					PLL-FLB-WHI-300x300x300
		L400 × D400 × H400	11.5		PLL-FLB-BLK-400x400x400
					PLL-FLB-GRE-400x400x400
					PLL-FLB-WHI-400x400x400
		L500 × D500 × H500	18.0		PLL-FLB-BLK-500x500x500
					PLL-FLB-GRE-500x500x500
					PLL-FLB-WHI-500x500x500

Each row is one available size; weight is per planter. Ø = diameter, L = length, D = depth, H = height (all in mm). Where a size comes in more than one colourway, one SKU is listed per colourway, in the order shown. 171 SKU variants across 19 ranges — SKUs for ranges not listed here, 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 & Size Options 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.

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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 Fibrec lay, 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 & Size Options table for every size and SKU.



Pebble

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



Cove

Rustic, Dark Grey or Sand finish — Ø276–1095 × H205–715mm, 2.5–50kg



Flint

Trough — L596–996 × D276–446 × H275–445mm, 8.5–30kg

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

Colours: Black, Grey, White



Dune

Trough — L596–1200 × D276–600 × H275–600mm, 8.5–35kg

Cylinder — Ø245–1000 × H245–1000mm, 4.0–60kg

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

Finish: weathering-steel Dune (single signature finish)



Mica

Box — L216–645 × D216–645 × H215–645mm, 3.0–25kg

Trough — L496–996 × D156–446 × H165–445mm, 4.5–25kg

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

Finish: Slate Grey (single signature finish)

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