



TECHNICAL SPECIFICATION SHEET

PPM Cocopeat is an MSME & RCMC-certified manufacturer-exporter of premium, lab-tested coir substrates from India — supplying washed low-EC coco peat, calcium-buffered coir and coir pith blocks to greenhouse growers, nurseries and soil blenders worldwide.

MSME Registered

GST Registered

RCMC Certified

Export Promotion Council

Product Specifications

Parameter	Washed Low EC Block	Buffered Coir (bags / slabs)	Unwashed High EC Pith
Electrical Conductivity (EC)	< 0.5 mS/cm (1:1.5)	< 0.8 mS/cm	> 1.5 mS/cm (1.5–2.5)
pH	5.5 – 6.8	5.8 – 6.5	5.5 – 6.8
Expansion volume	75 – 80 L / block	Pre-hydrated format	70 – 75 L / block
Moisture content	10 – 15% max	As packed	< 18%
Sand / impurities	< 3%	< 3%	Higher
Block weight	5.0 kg (± 0.2 kg)	To spec	5.0 kg (± 0.2 kg)
Compression ratio	5 : 1	—	5 : 1
Buffering (Ca/Mg loaded)	Optional	Yes — fully buffered	No

EC measured by 1:1.5 extraction method. Every consignment ships with a batch-specific laboratory test report.

Container Packing — 40ft High Cube (HC)

Loading method	Blocks per 40ft HC	Pallets	Net weight	Unloading
Palletized	~4,400 – 4,800	20 pallets (220–240 blocks each)	~22 – 24 MT	Forklift — minutes
Floor loaded	4,400 – 5,000	—	Up to 26 MT	Manual

One 40ft HC of washed low-EC blocks yields ~350,000+ litres of usable substrate after hydration.

Export Compliance & Documentation

Every shipment is dispatched with a complete, compliant document set:

- **Phytosanitary Certificate** — issued by the plant protection authority, certifying freedom from quarantine pests.
- **Fumigation Certificate** — Methyl Bromide or Phosphine treatment as required by destination.
- **Certificate of Origin** — confirming Indian origin.
- **Commercial Invoice, Packing List & Bill of Lading.**
- **Laboratory Test Report** — EC, pH, moisture and impurity per batch.

Customs classification: **HSN 53050040** (Coir Pith / Coco Peat)

Loading Ports & Terms

Loading ports	Tuticorin, Chennai, Cochin (India)
Incoterms	FOB (Indian port) or CIF (your destination port)
Minimum order	1 × 40ft HC container (samples available on request)
Export markets	South Korea, Netherlands & EU, USA, Australia, New Zealand, Spain