

PRODUCT SPECIFICATION SHEET

Our Product Line

Grade	EC (mS/cm)	Format	Typical Use
Buffered	< 0.5	5 kg block	Precision hydroponic systems, most salt-sensitive crops
Washed	0.5 – 0.7	5 kg block	Our most-shipped export grade — hydroponics, nurseries, commercial greenhouse growers
High EC	Natural (unwashed)	5 kg block	Soil blends, amendment, animal bedding — buyers who manage their own nutrient dosing
Briquette	0.5 – 0.7 (Washed grade)	650 g compressed	Retail, private-label packaging, hobbyist / small-grower

EC is confirmed by batch test rather than promised as a fixed figure — tell us your target and we confirm what a given batch tests at before you commit.

Technical Specifications

Parameter	Buffered	Washed	High EC	650g Briquette
EC (mS/cm)	< 0.5	0.5–0.7	Natural / unwashed	0.5–0.7
pH	5.8–6.0	5.8–6.0	5.8–6.5	5.8–6.0
Sand content	< 2%	< 2%	< 2%	< 2%
Moisture content	10–15%	10–15%	10–15%	10–15%
Expansion volume	~75 L	~75 L	~75 L	9–10 L
Block dimensions	30 × 30 × 12 cm	30 × 30 × 12 cm	30 × 30 × 12 cm	Compact retail size

Independently Verified — Not a Marketing Claim

Central Coir Research Institute (Coir Board, Govt. of India) — Report No. CCRI/2026/NTR-SEP-017, dated 25.09.2026, Washed-grade 5 kg block sample:

6.39 PH	0.64 EC MS/CM	15 L/kg EXPANSION	15.79% MOISTURE	0.43% SAND
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Packaging & Loading

- Formats:** 5 kg hydraulically compressed blocks; 650 g retail briquettes
- Bulk floor loading:** ~5,200 blocks / 40ft container (~26 MT)
- Palletized loading:** ~4,620 blocks / 40ft container (~23 MT)
- Packing:** Woven polypropylene wrap, shrink-wrapped and strapped for export
- Private-label packaging:** Available on request

Logistics & Documentation

- Dispatch ports:** Chennai Port, Tuticorin (VOCP)
- Incoterms:** FOB standard; CIF available on request
- Every shipment includes:** Commercial invoice, packing list, Certificate of Origin
- On request:** Certificate of Analysis (EC, pH, moisture, sand) for the specific batch
- Samples:** Available before any bulk commitment