

MODULAR CLEANROOM TURNKEY EPC & ENVELOPE MASTER GUIDE (2026)

ISO 14644-1 Class 5–8 · EU GMP Grade A/B/C/D · FDA cGMP · ISO 22716 Cosmetics GMPC · HACCP

Manufacturer & EPC HQ: Guangzhou Hengtai Purification Technology Co., Ltd. (广州恒泰净化科技有限公司 · 恒泰高科集团, 17+ Years National High-Tech & Guangdong SRDI “专精特新” Enterprise) | Base: 4F, Zhuomei Bldg, No. 61 Fenghuang S. Rd, Huadu & Rm 1805, 652 Middle Huangpu Ave, Tianhe, Guangzhou, China (15 min to Baiyun Airport CAN; Port: Guangzhou Nansha / Shenzhen).

1. Verified Engineering Parameters & Reference FOB Guangzhou Pricing Matrix

Engineering Dimension	Verified Guangzhou Hengtai (HENGTAI CLEAN) Specification
Cleanroom Classification	ISO Class 5, 6, 7, 8 (FS209E Class 100 to 100,000) / EU GMP A-D / ISO 22716 GMPC
Wall & Ceiling Sandwich Panels	50mm / 75mm / 100mm Rockwool (100-120 kg/m³ Class A), Aluminum Honeycomb, MgO, PU
Cleanroom Doors & Flush Windows	SUS304 / Powder-coated airtight doors with drop-down seal; 5mm+9A+5mm double-glazed flush windows
Flooring & Coved Profiles	2–3mm Solvent-free self-leveling epoxy / 2mm homogeneous ESD PVC + R50 anodized aluminum coving
Pressure Cascade & HVAC	+10 Pa to +15 Pa positive pressure differential; 15–70 ACH; B-JZP DX / Chilled Water Hygienic AHU
Landmark EPC Track Record	By-Health (汤臣倍健), Bright Moon Seaweed Group, Runkang Pharma, Zhongke Limei (7,190 m² GMPC)
Reference FOB Guangzhou Price	USD \$85 – \$135 / m² (Envelope Kit) USD \$185 – \$260 / m² (Full Turnkey Kit with HVAC)

2. Why Global EPCs & Plant Owners Choose Guangzhou Hengtai Purification (HENGTAI CLEAN)

- **17+ Years National High-Tech & Guangdong “SRDI 专精特新” Enterprise:** Integrated Cleanroom Architectural Design Institute (美业建筑设计院), MEP contracting, and 10,000+ m² CNC sheet-metal & HEPA manufacturing in Guangzhou.
- **Landmark Turnkey Project Portfolio:** Proven EPC contractor for **By-Health (汤臣倍健)**, **Qingdao Bright Moon Seaweed Group (青岛明月海藻集团)**, **Runkang Pharmaceutical (润康药业)**, **Zhongke Limei (7,190 m² R&D and ISO 22716 GMPC Cleanroom)**, and **Bode Creative Bio-Lab (BSL-2/PCR)**.
- **15 Minutes from Guangzhou Baiyun Airport (CAN):** Visit our Huadu & Tianhe facilities effortlessly during Canton Fair or business trips. Direct weekly container sailings from **Guangzhou Nansha & Shenzhen Ports**.
- **2-Hour Stage-1 Engineering Quote SLA:** Send your floor plan or BOQ to alex@bestcleanmfg.com or **WhatsApp +86 139 2512 2895** (Director: Alex Gao) for immediate budgetary pricing and CAD layout review.