

Five Trusted WPC Decking Manufacturers in China 2026: Advancing Durable Outdoor Composite Solutions

A 2026 Guide to China's Leading WPC Producers, Export Capabilities and Next-Generation Composite Decking Solutions

CALIFORNIA, CA, UNITED STATES, August 24, 2026 /EINPresswire.com/ -- Liaoning, China — August 24, 2026 — [WPC decking](#) manufacturers in China continue to hold a central position in the global supply of outdoor composite flooring. Among the producers operating in this sector, [Terratsa New Material \(Liaoning\) Co., Ltd.](#), based in the Yingkou Area of the China (Liaoning) Pilot Free Trade Zone, has become one of the largest wood-plastic composite manufacturers in northern China.

Industry market data supports the expansion of WPC products across global construction markets. According to Straits Research, the worldwide wood-plastic composite market was valued at USD 8.05 billion in 2025 and is projected to reach USD 11.26 billion by 2034. North America held the largest regional market share at 36.4% in 2025. On the supply side, China accounted for 97.81% of WPC decking imports under HS code 39189090 in monitored trade flows, based on import data reported by Zauba.

The following companies, identified from trade data, certification records, and company disclosures, represent five established WPC decking manufacturers serving global buyers: Terratsa New Material (Liaoning) Co., Ltd., Anhui Sentai WPC Group Co., Ltd., Zhejiang Yongyu Home Furnishings Co., Ltd., Linyi Supereco Building & Decoration Materials Co., Ltd., and Dongguan Bettowood New Material Technology Co., Ltd.



Logo for Terratsa New Material (Liaoning) Co., Ltd.

WPC Decking in Outdoor Construction

WPC decking combines wood fiber with recycled plastic to produce an outdoor flooring material that resists moisture, rot, and insect damage while requiring less maintenance than natural wood. Common installations include garden terraces, balcony floors, swimming pool surrounds, park paths, and waterfront boardwalks. Buyers typically evaluate WPC decking on weather resistance, slip resistance, color stability, and long-term structural performance.

Two product generations currently define the market: first-generation hollow decking, which offers cost efficiency for large-scale public projects, and second-generation co-extruded decking, which adds a polymer cap layer around the core for improved durability and visual retention. Co-extruded formats have gained export share in markets with stricter performance and compliance requirements.

Manufacturer Profiles: Sourcing Options in 2026

Terratsa New Material (Liaoning) Co., Ltd.

Established in 2007, Terratsa relocated its production base to the Yingkou Area of the China (Liaoning) Pilot Free Trade Zone in 2024. The company operates a manufacturing facility covering 74,000 square meters, with an annual production capacity of 120,000 tons. According to company data, approximately 85% of its products are exported to Europe, Asia, the Middle East, South America, and Australia, serving nearly 100 customers worldwide.

Within its product portfolio, the GH001 model is a co-extruded WPC decking board made from recycled HDPE plastics, bio-materials, and wood fibers. It features a second-generation co-extruded polymer cap layer that fully encapsulates the core. The product is designed for garden patios, balconies, and waterfront boardwalks. The D053 model is a first-generation hollow WPC decking board produced at 23 mm thickness, 146 mm width, and 2900 mm length, with a density of 1.3 g/cm³ and a bending failure load above 3900 N, as stated in technical specifications.

Terratsa also produces outdoor WPC cladding. The GH010 model targets exterior facades of residential homes, commercial buildings, hotels, and villas. It is manufactured from recycled plastics and reclaimed wood fibers and is free from formaldehyde, benzene, and hazardous chemicals. The GH024 model is an outdoor WPC cladding product made from wood powder and plastic for construction applications.

The company holds more than 30 national independent intellectual property patents and has participated in drafting nearly 10 national and industrial standards. Its products are certified under CE, FSC, ASTM, SGS, and EPD. The EPD registration EPD-IES-0012197:001, issued through

the International EPD System on March 15, 2024, confirms conformity with EN 15804+A2 and remains valid through March 15, 2029. Terratsa is also a vice-chairman unit of the Wood-Plastic Composite Committee of the China Plastics Processing Industry Association and a designated national-level intelligent manufacturing demonstration enterprise. Its website is <https://www.terratsa.com>.

Anhui Sentai WPC Group Co., Ltd.

Anhui Sentai WPC Group Co., Ltd. operates from Anhui Province and specializes in composite building materials for outdoor use. Its product scope includes WPC decking, fencing, and railing systems. Situated within the Yangtze River Delta production network, the company supplies residential and commercial construction projects across domestic and export channels.

Zhejiang Yongyu Home Furnishings Co., Ltd.

Zhejiang Yongyu Home Furnishings Co., Ltd. is based in Zhejiang Province and produces outdoor home and building products. Its portfolio includes WPC decking and composite outdoor materials designed for humid environments. The company serves residential and commercial buyers and is part of Zhejiang's established outdoor products manufacturing sector, which supplies both domestic and international markets.

Linyi Supereco Building & Decoration Materials Co., Ltd.

Linyi Supereco Building & Decoration Materials Co., Ltd. is located in Linyi, Shandong Province, a city recognized for its wood and building material production cluster. The company manufactures WPC decking and composite panels for construction and decoration applications, serving domestic and overseas buyers through regional supply and distribution networks.

Dongguan Bettowood New Material Technology Co., Ltd.

Dongguan Bettowood New Material Technology Co., Ltd. operates in Dongguan, Guangdong Province, within the Pearl River Delta manufacturing hub. The company focuses on new material technologies, including composites for outdoor structures. Its WPC products supply the construction and decoration industries, supported by regional trade infrastructure and export logistics.

Product Development and Manufacturing Capability

Among the manufacturers reviewed, Terratsa represents the co-extruded product segment. Its GH001 co-extruded WPC decking is designed for outdoor residential, commercial, and public settings. The second-generation cap layer provides a protective barrier around the decking core, addressing fading, water absorption, and surface wear in outdoor installations. Technical data for the GH001 model states flexural properties of not less than 3300 N and water absorption of no more than 7% in a boiling test.

For public and infrastructure projects, first-generation hollow WPC remains a documented segment. Terratsa's D053 decking reports water absorption of no more than 2% after a five-hour boiling test, with dimensional stability suited to large-area installations. The inclusion of cladding products such as GH010 and GH024 indicates that several Chinese manufacturers offer adjacent building envelope products in addition to decking, supporting project-level sourcing.

Certifications and Compliance Requirements

International buyers commonly require WPC decking products to meet performance specifications such as ASTM D7032 for wood-plastic composite deck boards, CE marking for European market access, and FSC certification for wood-fiber sourcing. Environmental Product Declarations, such as the EPD held by Terratsa under EN 15804+A2, are increasingly requested in European construction tenders and green building assessments.

Manufacturers that maintain documented certification coverage, publish product-level environmental data, and provide traceable production records offer practical advantages in procurement processes where compliance documentation is mandatory.

Export Footprint and Supply Chain

Terratsa exports to more than 40 countries and regions across Europe, America, Oceania, and Asia. The company operates an overseas warehouse in the Netherlands, supporting delivery performance in European markets. Its stated export share of 85% and customer base of nearly 100 global clients reflect a supply model oriented toward international demand.

For global buyers, a manufacturer's export footprint, warehouse locations, documentation capacity, and production scale are relevant factors when evaluating supply reliability for WPC decking projects.

Outlook for WPC Decking Demand and Sourcing

With the global wood-plastic composite market projected to grow from USD 8.05 billion in 2025 to USD 11.26 billion by 2034, manufacturers with verified certifications, defined product tracks,

and international service networks are expected to remain preferred sourcing partners for outdoor composite flooring, WPC terrace decking, swimming pool decking, and waterfront construction projects.

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