

Top Decking Manufacturer: Shanghai Haixing Plastic Industry Advances Outdoor Building Materials

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Shanghai Haixing Plastic Industry Co., Ltd. is contributing to the development of modern outdoor building materials through its focus on plastic construction products, including [decking](#), exterior cladding, fencing, and customized profiles. As demand grows for outdoor spaces that combine attractive design with durability and manageable maintenance requirements, manufacturers are exploring alternatives to traditional timber. Under its LIKEWOOD brand, the company offers solutions designed for residential, commercial, garden, and water-related environments. Its product portfolio, which includes [Wall Cladding](#) and Fence systems alongside outdoor decking, reflects a broader industry movement toward building materials that balance appearance, practical performance, and long-term value.



ASA Capped Outdoor PVC Decking

The Evolving Market for Outdoor Decking

Outdoor decking has become an important feature of contemporary residential and commercial design. Patios, balconies, garden walkways, poolside areas, terraces, and hospitality spaces increasingly serve as extensions of indoor living and working environments. These spaces require surfaces that can withstand regular foot traffic, changing weather conditions, and repeated exposure to moisture, sunlight, and temperature fluctuations.

Traditional timber has long been used for outdoor decking because of its natural appearance

and familiar construction methods. However, wood can require periodic sealing, staining, or painting, depending on the species, installation, and local climate. Moisture may contribute to swelling, decay, or mold under unsuitable conditions, while sunlight can gradually change the material's color. These factors have encouraged property owners, architects, and contractors to evaluate alternative decking materials.

Plastic and composite decking products offer another approach. Depending on their formulation and construction, these products can provide consistent dimensions, a range of surface finishes, and reduced routine maintenance compared with some traditional timber systems. They can also be manufactured in colors and textures intended to complement contemporary architectural styles.

For decking manufacturers, the challenge is to create products that meet several requirements simultaneously. Buyers may expect resistance to moisture, a stable surface, an attractive wood-like appearance, convenient installation, and suitable performance under local environmental conditions. Commercial projects may also require predictable supply, repeatable product specifications, and technical documentation to support construction planning.

Shanghai Haixing Plastic Industry Co., Ltd. operates in this changing market through its development and manufacture of plastic construction materials. Its LIKEWOOD product range covers outdoor decking, wall cladding, fencing, and other building profiles, allowing customers to consider coordinated materials for different parts of an outdoor project.

Shanghai Haixing Plastic Industry Co., Ltd. and Its Manufacturing Experience

According to the company's published information, Shanghai Haixing Plastic Industry Co., Ltd. has experience in plastic extrusion and the development of construction materials. Its LIKEWOOD brand focuses on outdoor building products, including PVC decking, wall cladding, boat decking, fencing, window profiles, and door frames.

The company identifies mold design and manufacturing as important parts of its production capabilities. In extrusion manufacturing, the design of the tooling helps determine a product's cross-sectional shape, dimensions, and surface details. Well-developed tooling can support consistent output and enable manufacturers to develop profiles tailored to particular applications.

The company also reports investment in production lines and research and development for foamed PVC and related building materials. These activities are relevant to a market in which material formulations, extrusion methods, surface treatments, and product designs all influence the final result.

For buyers, manufacturing experience is valuable when it translates into clear specifications, consistent production, and responsive technical communication. Contractors need to know the

dimensions of the boards or profiles they are purchasing, how the products should be installed, and what preparation is required for the intended environment. Distributors may also need reliable product information to help customers compare materials and plan projects.

Shanghai Haixing Plastic Industry Co., Ltd. serves this market with a range of building products designed for different applications. Its decking products address horizontal outdoor surfaces, while Wall Cladding is intended for exterior wall applications and Fence products help define boundaries and organize outdoor spaces. When considered together, these categories can support a more coordinated approach to outdoor design.

Decking Materials and Their Practical Advantages

Decking is more than a decorative surface. It must function as part of a complete outdoor installation, supporting pedestrian movement while accommodating drainage, expansion, and the structural conditions of the underlying frame. The suitability of a product depends on its composition, dimensions, installation method, and the environment in which it will be used.

PVC decking and wood-plastic composite decking are two categories commonly considered for outdoor projects. PVC decking uses polyvinyl chloride as its primary material, while wood-plastic composites typically combine plastic with wood fibers or other plant-based fillers. Their properties can differ considerably according to the formulation, reinforcement, surface layer, and manufacturing process.

LIKEWOOD's published product range includes solid and hollow PVC decking, PVC composite decking, and products with co-extruded surface layers. Some designs use an outer layer intended to improve surface performance and appearance, while the core structure is developed to meet the product's mechanical and weight requirements. Different constructions may suit different budgets, installation methods, and site conditions.

A decking buyer should evaluate several factors before selecting a product. Load requirements, board thickness, span between supports, surface texture, slip resistance, color stability, and drainage arrangements all affect the suitability of an installation. Areas near swimming pools, docks, or marinas may require particular attention to wet-surface safety and exposure to water.

Installation details are equally important. Even a well-manufactured board can perform poorly if the supporting structure is inadequate, the expansion gaps are incorrect, or water is allowed to accumulate. Following the manufacturer's installation instructions and local building requirements helps reduce the risk of movement, uneven surfaces, or premature deterioration.

Maintenance expectations should also be realistic. Plastic-based decking may reduce the need for painting or sealing associated with some timber products, but it still requires appropriate cleaning and periodic inspection. Dirt, algae, and environmental deposits can accumulate, while surface temperature, traction, and long-term appearance vary by product design and site

exposure.

For property developers and homeowners, the decision is therefore not simply a comparison between wood and plastic. It involves assessing the full service requirements of the deck, the expected use, the local climate, and the resources available for ongoing care.

Wall Cladding: Extending Material Performance to Exterior Walls

Exterior walls play an important role in a building's appearance and protection. Cladding can contribute to the visual character of a property while forming part of an exterior assembly designed to manage weather exposure. For renovations and new construction alike, the selected material must be appropriate for the building design, the supporting structure, and local environmental conditions.

Shanghai Haixing Plastic Industry Co., Ltd. includes Wall Cladding in its product portfolio. Its LIKEWOOD range features PVC-based cladding and composite-style exterior profiles intended to provide decorative finishes for building exteriors. These products offer an alternative to some conventional wall-finishing materials, particularly in projects where consistent profiles and a wood-inspired appearance are desired.

Plastic wall cladding can offer practical benefits when appropriately designed and installed. Depending on the specific product, it may resist moisture absorption and require less routine surface treatment than some timber finishes. Manufactured profiles can also provide a consistent appearance across large wall areas, helping designers maintain a coordinated exterior style.

However, cladding should never be treated as a substitute for proper building-envelope design. Water management, ventilation, drainage, fastening methods, thermal movement, and the condition of the underlying wall all influence the performance of an exterior system. Product-specific installation requirements should be followed to ensure that the cladding works as intended.

Fire performance is another important consideration. Requirements vary according to building type, height, location, and applicable regulations. Architects, contractors, and developers should verify the fire classification and relevant test documentation for the exact product before specifying it in a project. They should also confirm whether additional fire-safety measures are required by local codes.

From a design perspective, wall cladding can complement decking and fencing by creating a consistent palette of colors and textures across an outdoor environment. A building with a terrace, garden, or poolside area may benefit from coordinating horizontal surfaces with exterior walls and boundary elements, while selecting different profiles for each application.

Fence Systems for Privacy, Boundaries, and Outdoor Design

Fencing serves several purposes in residential, commercial, and landscape projects. It can mark property boundaries, create privacy, guide pedestrian movement, separate outdoor activity zones, and contribute to the overall appearance of a site. The right fence design depends on the desired level of visibility, height, structural requirements, exposure to wind, and the character of the surrounding architecture.

Shanghai Haixing Plastic Industry Co., Ltd. offers Fence products through the LIKEWOOD brand. Its published range includes PVC composite fencing, privacy fencing, temporary fencing, and horse-fence products. These categories illustrate how plastic fencing can be configured for different purposes rather than treated as a single standardized product.

Compared with some conventional timber fencing, PVC-based products may reduce the need for periodic painting or staining. They can also be manufactured with consistent colors and profiles, supporting a uniform appearance across an installation. Depending on their design, fencing products may be used in gardens, residential boundaries, landscaping projects, and selected commercial settings.

Nevertheless, a fence's performance depends on the complete system, including posts, rails, fasteners, foundations, and the way loads are transferred to the ground. Wind exposure can be significant, especially for solid privacy panels. Contractors should therefore select a system suitable for local conditions and install it according to the manufacturer's instructions and applicable building requirements.

The intended use must also guide the material choice. A decorative garden fence, a temporary site barrier, and a fence for animal containment have different functional requirements. Buyers should confirm the dimensions, spacing, structural performance, and other relevant characteristics of the specific product rather than assuming that every fence design is interchangeable.

When fencing is coordinated with decking and cladding, it can help create a unified outdoor environment. For landscape designers and property owners, this may simplify color selection and reduce visual inconsistency across connected areas.

Manufacturing Quality and Product Development

The performance of extruded building materials begins with material formulation and tooling, but it also depends on process control and inspection. Variations in temperature, extrusion speed, cooling, and dimensional calibration can affect the consistency of the finished profile. Manufacturers must manage these factors to produce boards and panels that meet established specifications.

For a decking manufacturer, dimensional stability is particularly important because boards must fit within a defined installation system. Inconsistent dimensions can make alignment more difficult and may affect the appearance of joints. Surface finish and color consistency are also important, especially when products are installed across large, highly visible areas.

Product development can help manufacturers respond to different project requirements. Hollow profiles may reduce material use or weight in certain designs, while solid profiles may be selected for applications with different structural demands. Co-extruded surface layers can offer additional options for appearance and surface protection. The suitability of each construction should be assessed against the intended load, exposure, and installation method.

Shanghai Haixing Plastic Industry Co., Ltd. reports that it has developed plastic building materials using its experience in mold production and cooperation with industry specialists. The company also states that its products have undergone testing in multiple markets. Buyers should request the relevant test reports, certificates, and technical data for the exact product and application when these documents are necessary for project approval.

Clear technical documentation can improve communication between manufacturers, distributors, installers, and end users. Product drawings, installation guides, maintenance instructions, and information about applicable limitations help ensure that materials are selected and used appropriately.

Sustainability and Long-Term Value

Environmental considerations are playing a growing role in building-material decisions. Property owners and developers increasingly assess product lifespan, maintenance requirements, resource use, and end-of-life options alongside initial purchase price. Plastic and composite materials are part of this discussion, but their overall environmental performance depends on more than their durability alone.

Products that require less frequent replacement or surface treatment may offer practical advantages in certain applications. However, a complete assessment should also consider raw-material sourcing, energy consumption during manufacturing, transportation, the use of recycled content where applicable, and the availability of suitable recycling systems at the end of the product's service life.

For PVC and composite building materials, buyers should seek transparent information about material composition and relevant environmental claims. They should also distinguish between product durability, recyclability, and verified life-cycle performance, as these are related but separate considerations.

Installation efficiency can contribute to reducing waste as well. Accurate measurement, careful cutting plans, appropriate storage, and compliance with installation instructions can help

prevent damaged or unusable boards. For large projects, coordinating material quantities and delivery schedules may also reduce unnecessary handling and waste.

As demand for lower-maintenance outdoor spaces continues, manufacturers such as Shanghai Haixing Plastic Industry Co., Ltd. operate in a market where product performance, appearance, and environmental information all influence purchasing decisions.

Conclusion

The decking market is evolving as homeowners, architects, contractors, and commercial developers seek outdoor building materials that combine design flexibility with practical performance. PVC and composite products provide alternatives to traditional timber, while their suitability depends on product specifications, site conditions, installation quality, and ongoing maintenance.

Shanghai Haixing Plastic Industry Co., Ltd. serves this market through its LIKEWOOD brand and a portfolio that includes decking, Wall Cladding, and Fence products. These categories address complementary needs in outdoor flooring, exterior finishing, and boundary design. For buyers, the most effective selection process involves evaluating the exact product construction, confirming technical documentation, understanding installation requirements, and considering long-term maintenance and environmental factors.

As outdoor spaces become increasingly integrated into residential, commercial, and landscape design, experienced manufacturers of plastic construction materials will continue to play a role in providing options for durable and coordinated building projects.

About Shanghai Haixing Plastic Industry Co., Ltd.

Shanghai Haixing Plastic Industry Co., Ltd. is a manufacturer of plastic construction materials based in Shanghai, China. Operating under the LIKEWOOD brand, the company focuses on products such as PVC decking, composite decking, Wall Cladding, Fence systems, boat decking, window profiles, door frames, and customized plastic profiles. Its stated manufacturing capabilities include mold development, extrusion production, and product research and development. The company serves a range of residential, commercial, outdoor, and landscape applications. For further information about its products, specifications, and manufacturing services, visit www.likewood.net.

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