



Jiangsu Gusu  
New Material

# Sustainability Through Durability.

We design steel-plastic composite decking to extend service life and lower the total environmental footprint.



[www.jsgukj.com](http://www.jsgukj.com)



# Table of Contents

- 01 Introduction
- 02 Product Advantages
- 03 Product Structure
- 04 Integrated Production Line
- 05 Installation
- 06 Hidden Fastening System
- 07 Qualification certificate
- 08 Contact Information



# Introduction



## About US

Established in 2015, Jiangsu Gusu New Material Technology Co., Ltd. is a professional manufacturer specializing in the research, development, and production of high-performance outdoor flooring systems.



## Our Location

Located in the Industrial Park of Jiawang District, Xuzhou City, Jiangsu Province, with convenient access to National Highway 310, our facility enables efficient logistics and reliable supply for both domestic and international markets.



# Product Advantages

Steel-reinforced core

Composite infill for bonding

ASA protective surface

Load-bearing stability

Controlled thermal movement

Fire performance

Low maintenance

Longer service life

fewer replacements

Reduced material waste

Responsible use of resources



[www.jsgukj.com](http://www.jsgukj.com)

# Steel-Plastic Composite Flooring

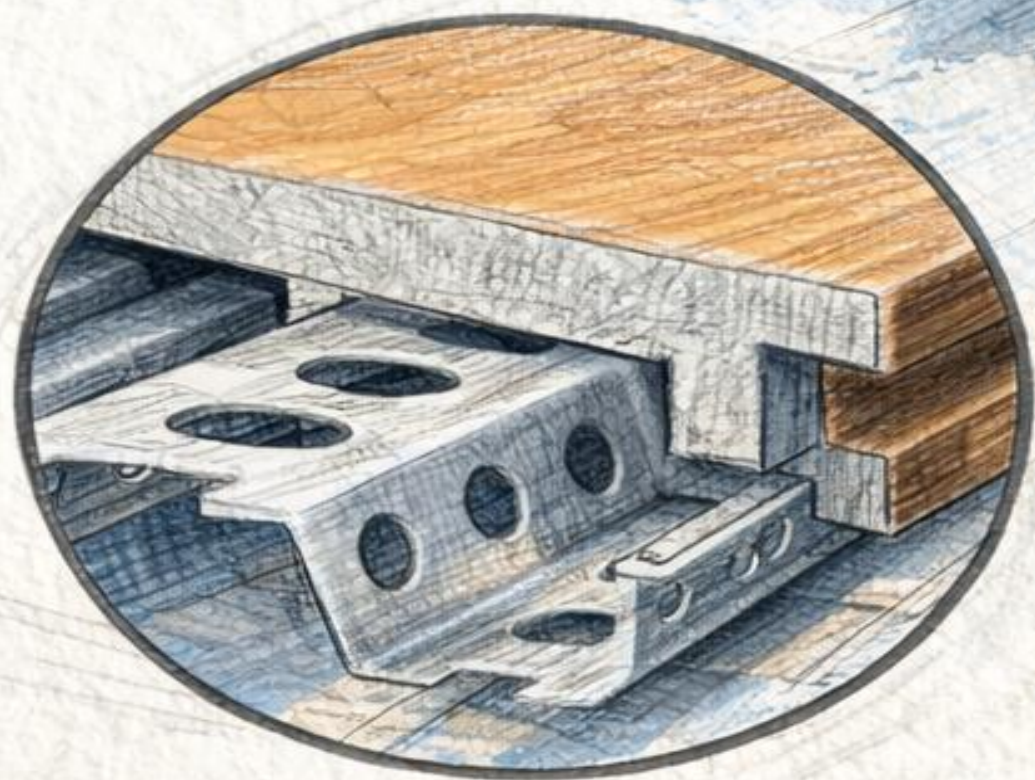
ASA Surface Layer  
(Waterproof, UV-Resistant)

Steel Core  
(Enhances Load-Bearing Capacity)

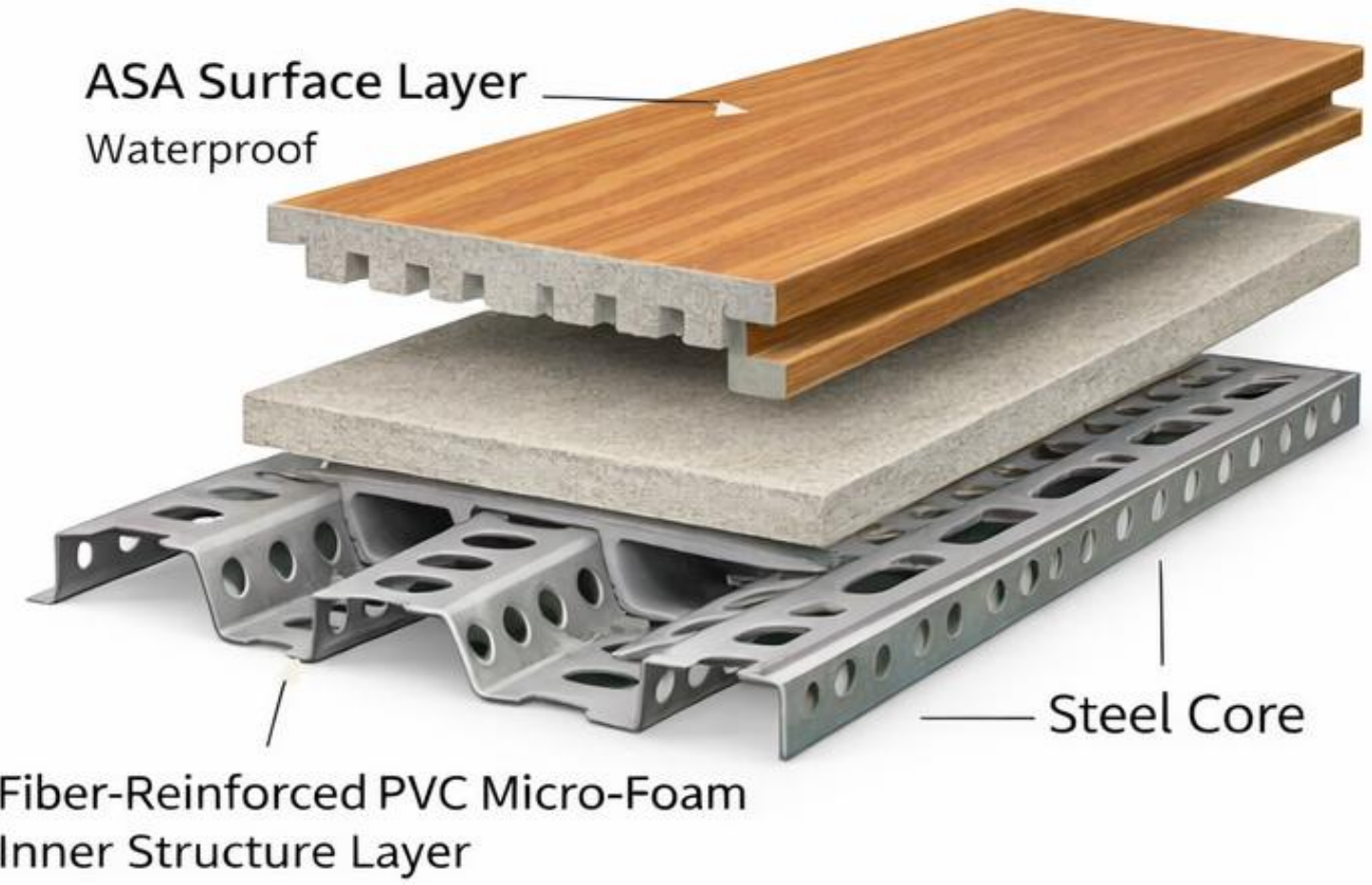
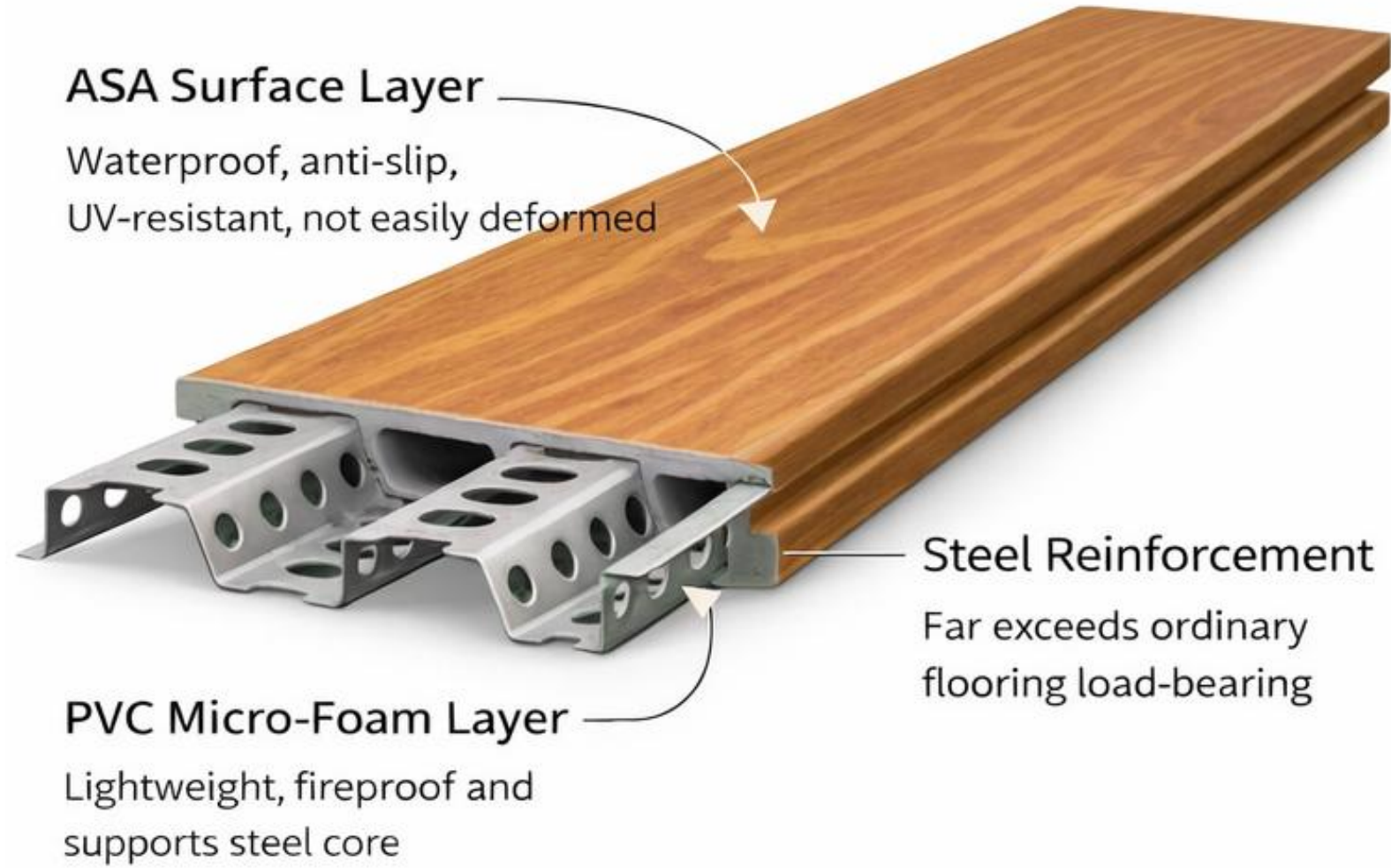
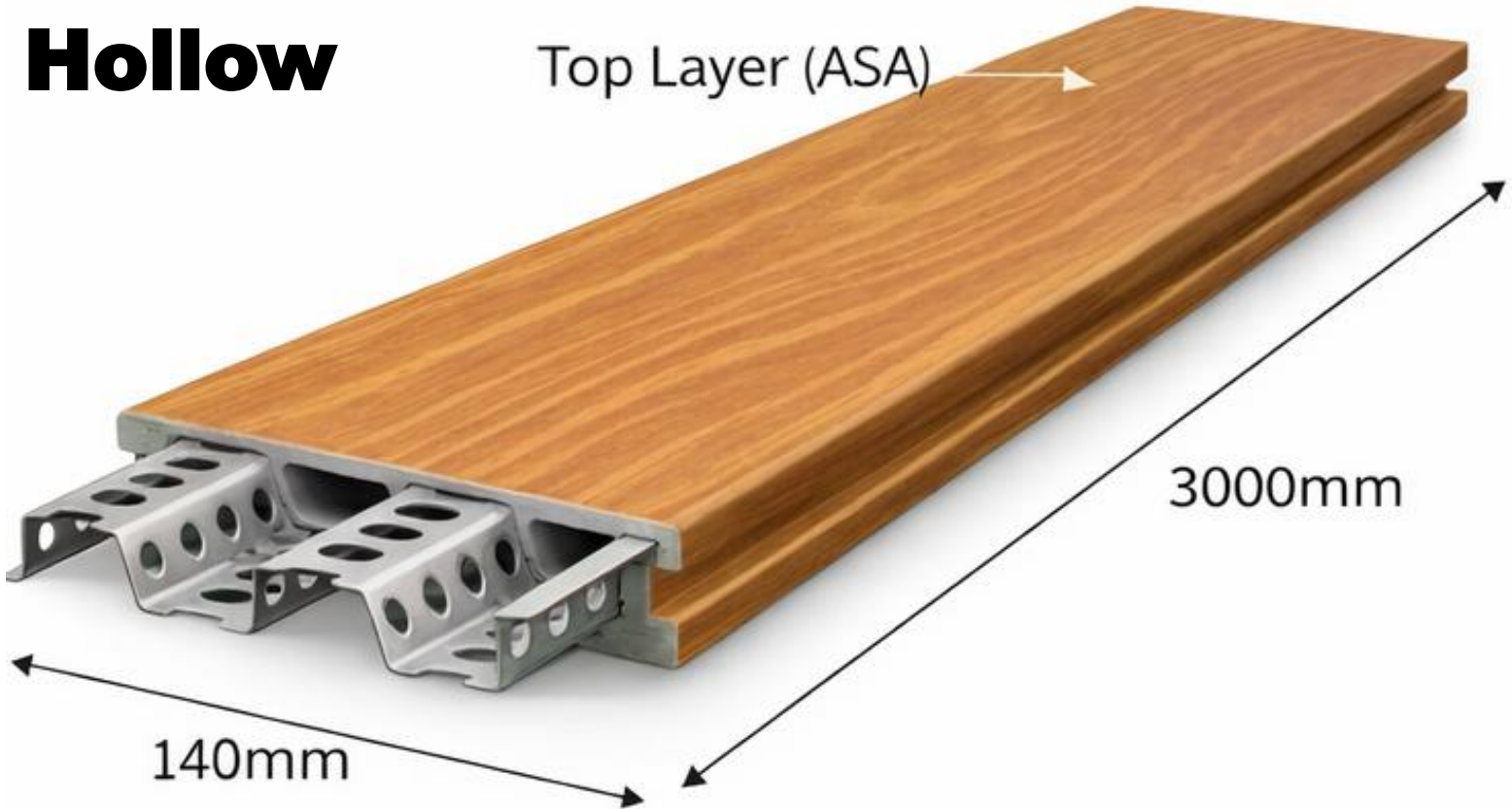
PVC Micro-Foam  
Inner Structure Layer

Ultra-Strong, Fireproof, Weather-Resistant

3000mm x 140mm x 25mm



# Trapezoid Hollow Profile



# M-Profile

**Top Layer** | ASA Co-Extruded Surface

Material, ASA with HDPE / PVC / PP

**Middle Layer**  
(Steel Core Layer)

Corrugated steel plate  
(inspired by color steel roofing structure)

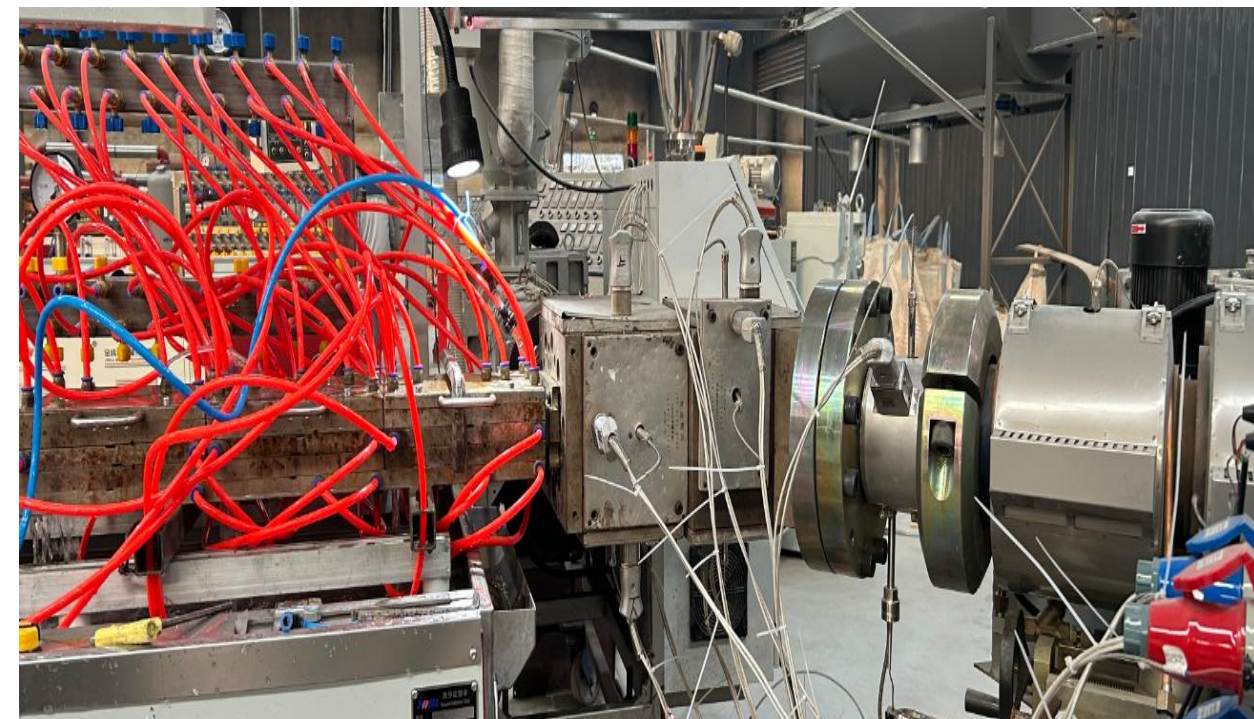


**Inner Structural Layer**

Fiber-reinforced PVC micro-foam



# Integrated Production Line



High-quality polymer materials are precisely injected under controlled temperature and pressure. This process ensures uniform material distribution, strong internal bonding, and a stable base structure for the composite flooring.

The extruded composite profile passes through a multi-stage cooling system, allowing the material to cool evenly and gradually. This step is critical for dimensional stability and long-term performance.

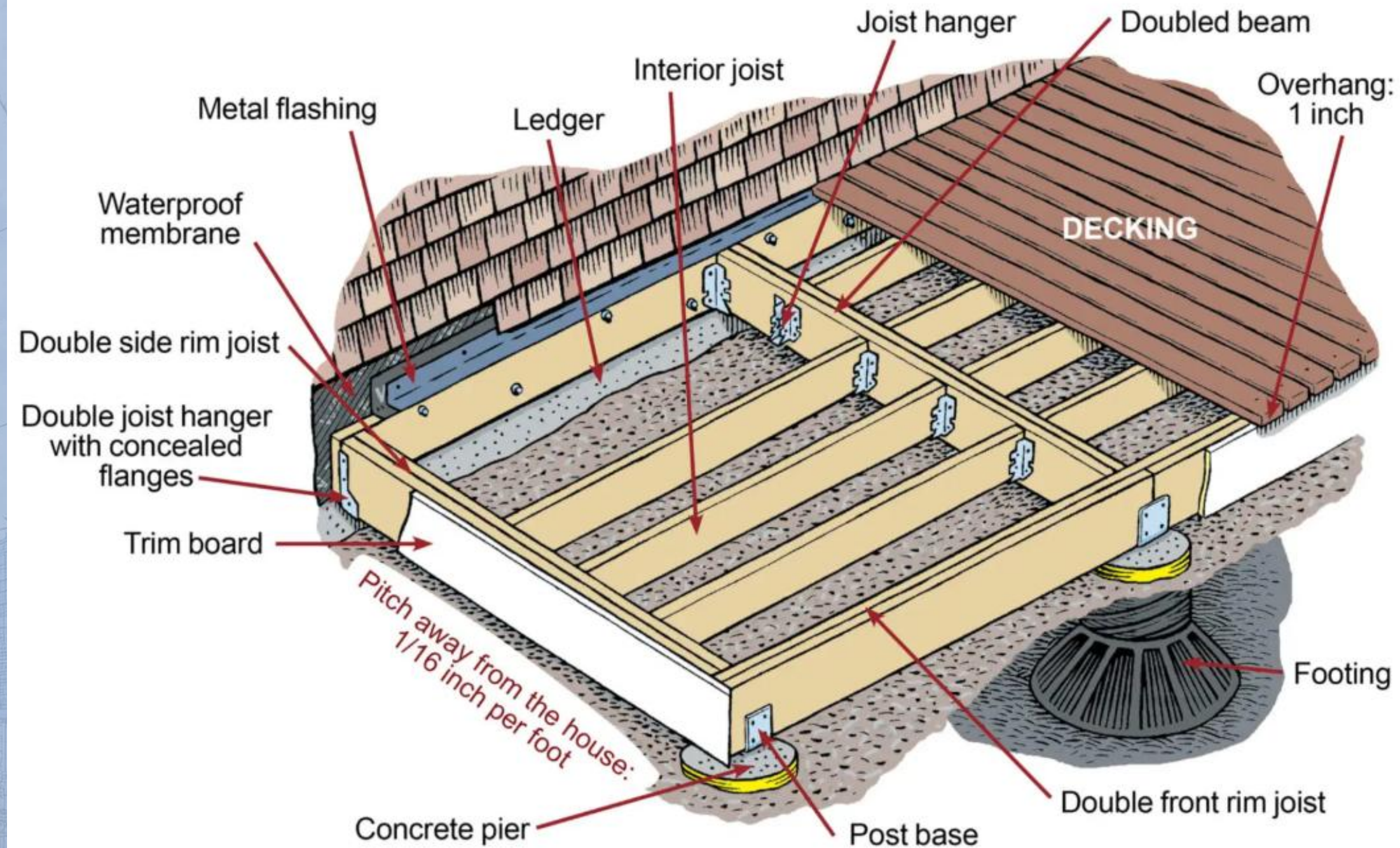


The surface is embossed under high pressure to create realistic wood-grain textures. This process enhances both aesthetics and functional performance.

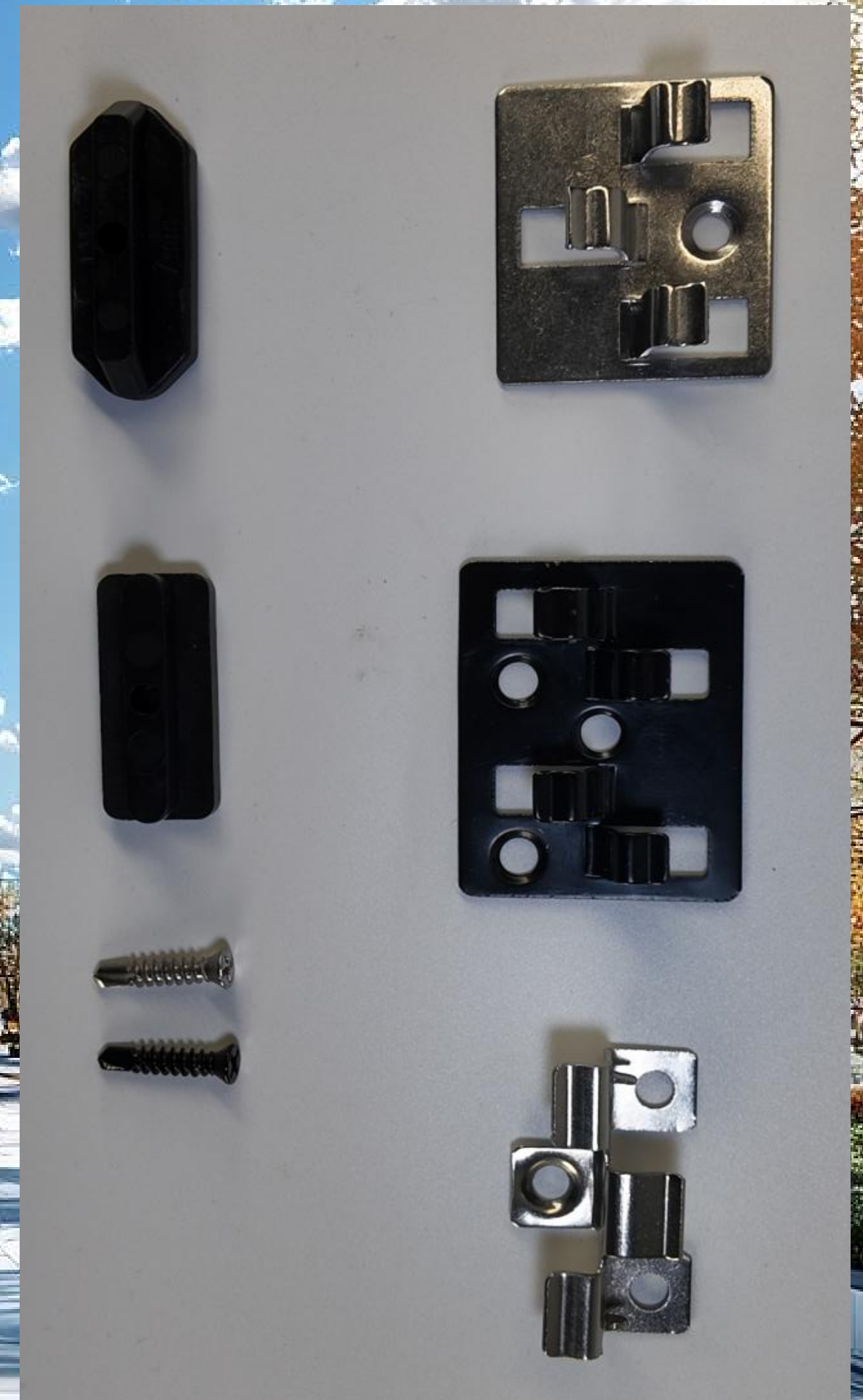
# Installation

## Installation Steps

1. Prepare and level the substructure
2. Fix joists according to layout plan
3. Install starter clips
4. Lay decking boards and secure with clips
5. Finish edges and accessories



# Hidden Fastening System



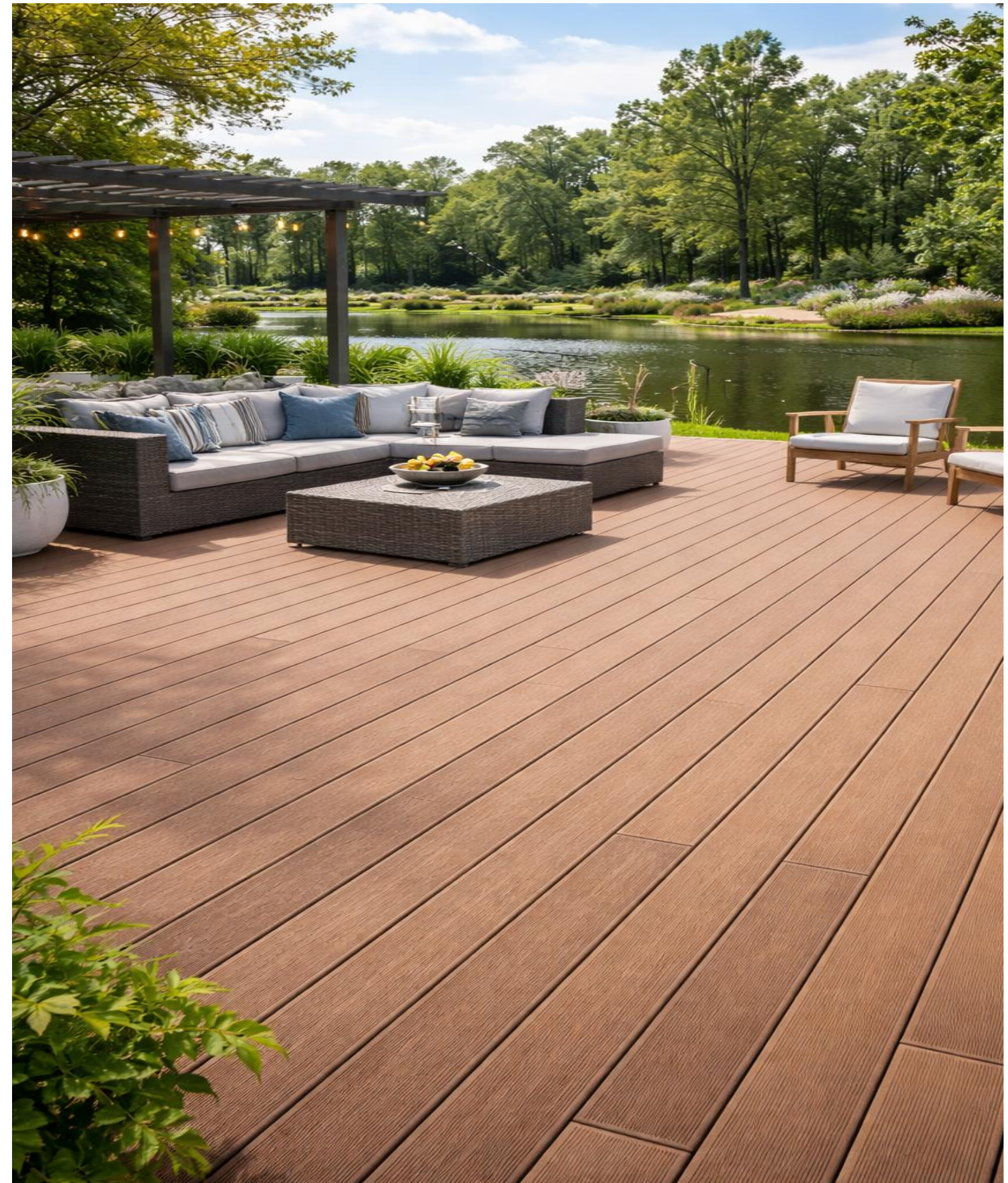
---

# Project Showcase

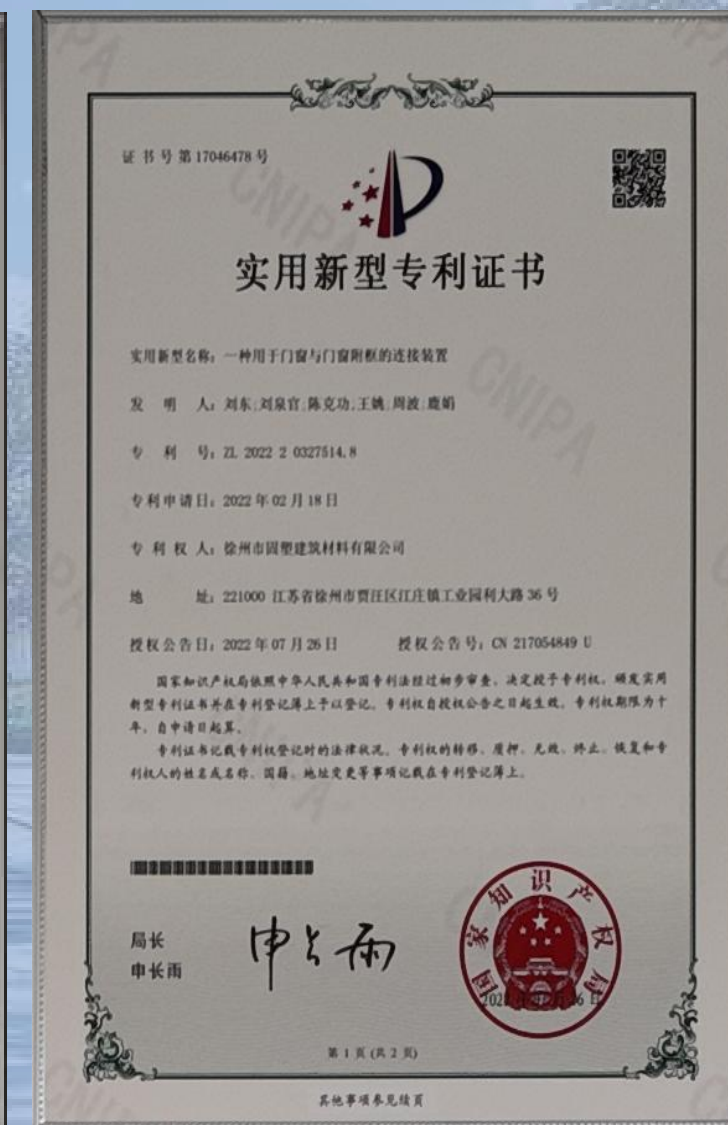
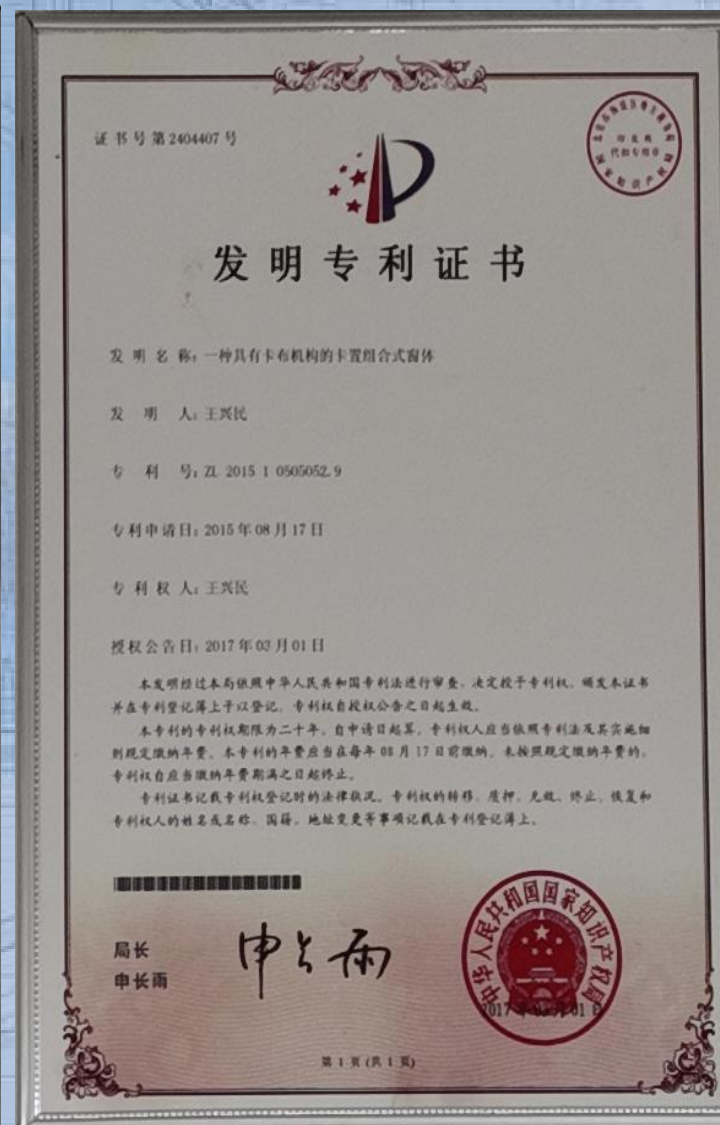
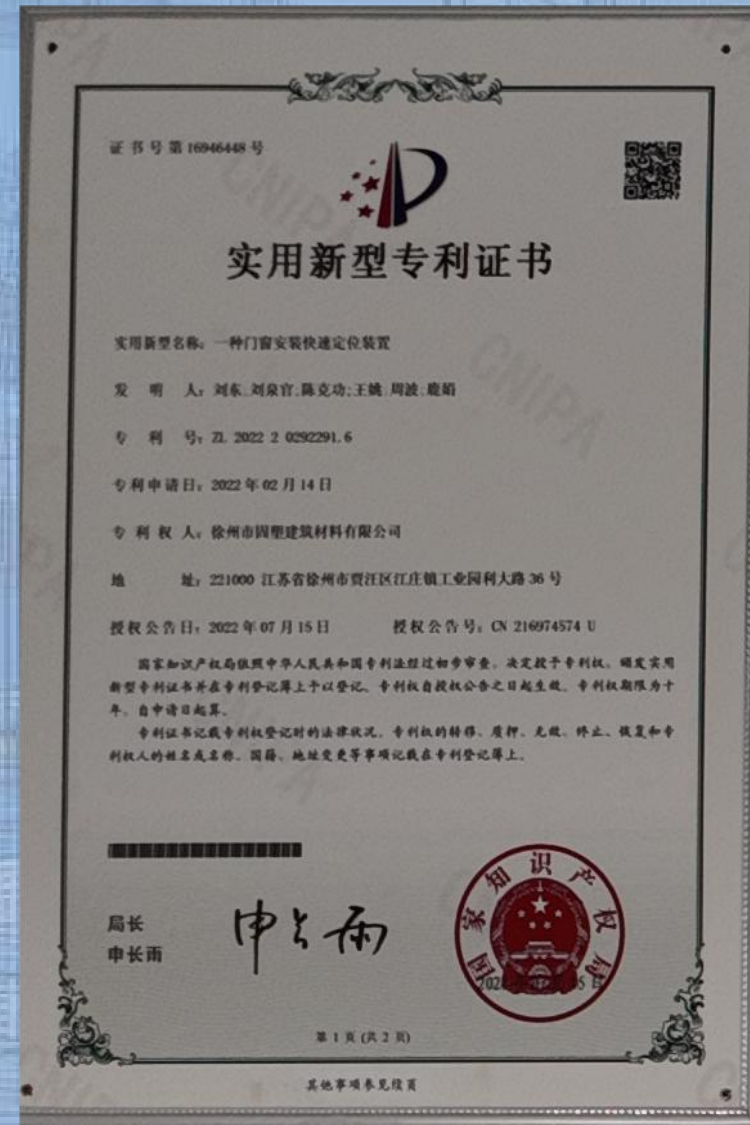
## Built for Demanding Outdoor Environments

Our steel-plastic composite decking is widely applied in large-scale outdoor projects where durability, safety, and long-term performance are critical.

From urban waterfronts to commercial developments and public infrastructure, our solutions are engineered to perform under continuous use and harsh outdoor conditions.



# Qualification certificate






Jiangsu Gusu  
New Material

# Leo Ji

*I am responsible for the company's foreign trade business, with solid experience in international sales and professional client support.*

 +86 19952162353

 sales01@jsgukj.com

---

[www.jsgukj.com](http://www.jsgukj.com)

---

