

**TERRATSA®**

[terratsa.com](http://terratsa.com)

**TERRATSA®**

## Decking

PE Series

PE-Mixed Color Series

Co-Extruded Series

Reveal Beauty of Wood  
Show Advantages of plastics

**TERRATSA®**  
INTRODUCTION  
FLOOR SERIES

## Terratsa New Material (Liaoning) Co., Ltd

### Brand Introduction

Terrasta New material (Liaoning) Co., Ltd. is a sales-oriented company that serves high-end domestic customers and provides outdoor landscape materials. It has an independent display center and operation center. The company mainly deals with outdoor flooring, wall panels, guardrails, fences, flower boxes, and pergolas, with more than 30 varieties in 6 major series.

In terms of products, we have a comprehensive international certification system that fully complies with environmental, health, and safety standards. With exquisite craftsmanship, we are committed to creating excellent quality in every detail. The brand's philosophy is to extend your life, socializing, and leisure to outdoor spaces, embracing nature and unleashing endless vitality.



**360°**  
ALL-ROUND

### ANTBACTERIAL EFFECTIVENESS

Each product features a 360-degree polymer coating. The core material is a combination of wood powder, plastic, and related additives, ensuring exceptional weather resistance.



**NO BAD SMELLS  
SAFETY**

### ANTI-ODOUR EFFECTIVENESS

We have implemented a comprehensive certification system to ensure compliance with environmental protection, health, and safety standards. Our products do not use toxic binders for the outer and inner core layers, and they have zero formaldehyde emissions.



**WOOD DETAILS  
12 DIFFERENT TEXTURES**

### SUPER REALISTIC WOOD GRAIN

Our wood grain design offers an incredibly realistic look, capturing the beauty and warmth of natural wood. The intricate textures and authentic color variations allow for seamless coordination with any type of construction.





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**NATURAL TEXTURE  
THE PREFERRED CHOICE FOR WPC**

## PE WPC DECKING SERIES

WPC decking systems are a low-maintenance alternative to wooden decking boards. They are made from a mixture of natural wood and HDPE additives, resulting in durable components. After years of development, the first generation PE product, as the earliest version of wood-plastic composite (WPC) flooring, has achieved extremely stable product characteristics. With its outstanding product performance and price advantages, it occupies the largest market share in the WPC market.

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Cross-sectional Diagram

| Profile Type | Profil (Mm) | Length (M) | Cross-section |
|--------------|-------------|------------|---------------|
| <b>D005</b>  | 23 × 146    | 3.0/4.0    |               |
| <b>D011</b>  | 19 × 140    | 3.0/4.0    |               |
| <b>D015</b>  | 20 × 140    | 3.0/4.0    |               |
| <b>D017</b>  | 23 × 146    | 3.0/4.0    |               |
| <b>D018B</b> | 18 × 140    | 3.0/4.0    |               |
| <b>D027</b>  | 24 × 150    | 3.0/4.0    |               |
| <b>D040</b>  | 25 × 140    | 3.0/4.0    |               |





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## PE MIXED-COLOR SERIES

The "PE mixed-color product" serves as an upgrade to regular products, breaking away from the limitations of monotonous colors and single patterns found in traditional PE products. It excels in blending multiple colors and incorporating diverse embossing effects, resulting in a more authentic wood texture and appearance.

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## PE MIXED-COLOR SERIES

Cross-sectional Diagram

| Profile Type | Profil (Mm) | Length (M) | Cross-section |
|--------------|-------------|------------|---------------|
| D015         | 20 × 140    | 3.0/4.0    |               |
| D035         | 20 × 143    | 3.0/4.0    |               |
| D019         | 23 × 146    | 3.0/4.0    |               |
| D034         | 25 × 146    | 3.0/4.0    |               |



CP56



CP57



CP59



CP510



## RPC SERIES

The brand-new PE-over-PE wood-plastic composite flooring is produced through co-extrusion, with the new surface layer covering the core layer. This type of flooring offers several advantages. Firstly, the new surface layer is made of a novel material that exhibits improved weather resistance, resulting in a performance increase of over 20%. Secondly, the flooring utilizes online embossing technology, creating a more natural texture and authentic color. Most importantly, the flooring not only boasts an attractive appearance but also delivers superior performance, all while maintaining a competitive price.

### Cross-sectional Diagram

## RPC SERIES

| Profile Type | Profil (Mm) | Length (M) | Cross-section |
|--------------|-------------|------------|---------------|
| GH020        | 23 × 143    | 3.0/4.0    |               |



CP56 CP57 CP59 CP510



### Cross-sectional Diagram

| Cross-section | Profile Type | Profil (Mm)      | Length (M) |
|---------------|--------------|------------------|------------|
|               | GH001        | 22.5 × 143       | 3.0/4.0    |
|               | GH002        | 23 × 135         | 3.0/4.0    |
|               | GH003        | 22 × 197         | 3.0/4.0    |
|               | GH011        | 22.5 × 200       | 3.0/4.0    |
|               | GH013        | 22.5 × 79 × 62.5 | 3.0/4.0    |

### CO-EXTRUDED HOLLOW SERIES

Co-extruded products, as the second generation of wood-plastic composite (WPC) products, have gained popularity among customers due to their natural and diverse colors and textures, and are gradually becoming mainstream. Compared to the first generation products, co-extruded products have an additional layer of engineering plastic covering the core material, enhancing their weather resistance. The wide range of colors and textures offered by co-extruded products provide customers with a unique visual and tactile experience.





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### Cross-sectional Diagram

| Cross-section | Profile Type | Profil (Mm) | Length (M) |
|---------------|--------------|-------------|------------|
|               | GS001        | 20 × 143    | 3.0/4.0    |
|               | GS004        | 20 × 197    | 3.0/4.0    |
|               | GS010        | 21 × 150    | 3.0/4.0    |
|               | GS011        | 11.5 × 73   | 3.0/4.0    |
|               | GS012        | 19 × 126    | 3.0/4.0    |
|               | GS015        | 11 × 150    | 3.0/4.0    |
|               | GS016        | 22.5 × 150  | 3.0/4.0    |

**TERRAISA®** | **NATURAL TEXTURE  
THE PREFERRED CHOICE FOR WPC**

### CO-EXTRUDED SOLID SERIES

Wood-plastic solid flooring offers higher stability and is less prone to expansion, deformation, or cracking. This makes it suitable for various environments, including humid areas. On the other hand, hollow flooring is characterized by its lightweight construction, making it easier to transport and install. Wood-plastic solid flooring is ideal for locations that require higher stability and waterproof performance, while hollow flooring is suitable for those emphasizing lightweight, sound insulation, and thermal insulation properties. The choice between these two flooring materials depends on specific usage needs and environmental conditions.





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### Cross-sectional Diagram

| Cross-section | Profile Type | Profil (Mm) | Length (M) |
|---------------|--------------|-------------|------------|
|               | GH006        | 22.5 × 120  | 3.0/4.0    |
|               | GH009        | 24 × 140    | 3.0/4.0    |
|               | GS001        | 20 × 143    | 3.0/4.0    |
|               | GS004        | 20 × 197    | 3.0/4.0    |

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### MULTILAYER CO-EXTRUDED HOLLOW SERIES

Multilayer co-extrusion with blending is an upgraded production technique that enhances weather resistance, offers personalized appearance with various colors, and meets the demand for customization. It involves extruding multiple layers of different materials simultaneously, resulting in a seamless integration of materials with improved structural integrity, weather resistance, and visual appeal.

environmental protection

UV resistance

non-slip

Low Maintenance  
Long Life

CCM01

CCM02

CCM05

CCM06

CCM07

CCM08



### Co-extruded seamless flooring,

Co-extruded seamless flooring, with its exceptional design and outstanding performance, stands out as a flooring material. The design of the flooring is another highlight of co-extruded seamless flooring. The clever design allows the joints to be hidden, presenting a perfect seamless appearance. It adds a touch of fashion and modernity to your space.

### Cross-sectional Diagram

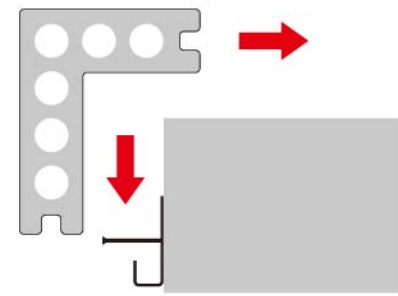
| Profile Type | Profil (Mm) | Length (M) | Cross-section |
|--------------|-------------|------------|---------------|
| <b>GH007</b> | 22.5 x 145  | 3.0/4.0    |               |
|              |             |            |               |

## TERRATSA®

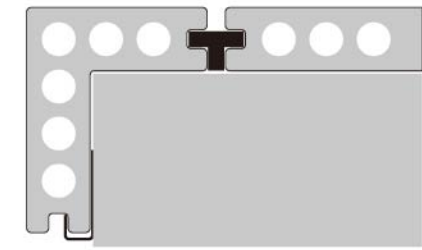
### Edge Banding Installation

The commonly used types of edge banding include L-angle edge banding and right-angle edge banding.

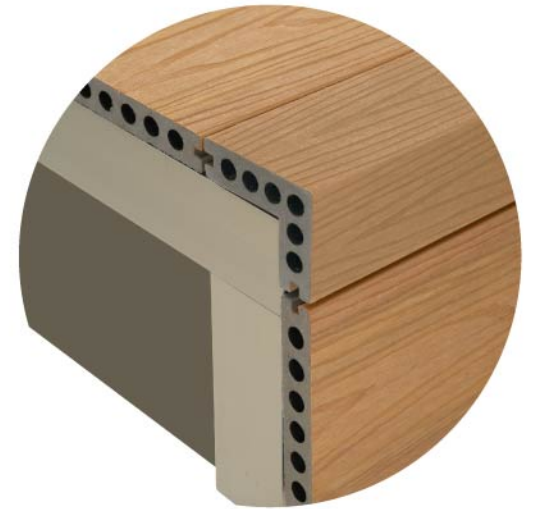
### Installation of L-angle Edge Banding



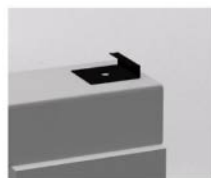
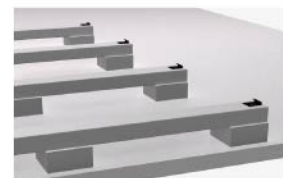
Secure the first-position bracket on the side end of the keel, then insert the L-angle edge banding into the first-position bracket.



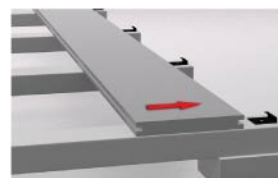
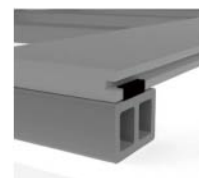
Once the L-angle edge banding is installed, use T-brackets to connect and install it onto the floor.



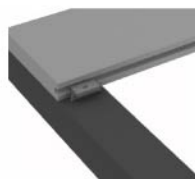
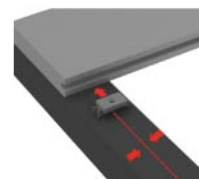
- 1 Adequately space the keel according to the correct spacing requirements.



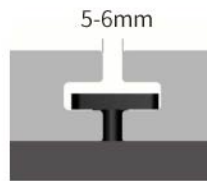
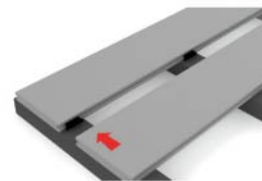
- 3 Properly push the flooring into the starter clips.



- 4 Insert the clips into the grooves of the flooring, ensuring that they are centered on the joists, and partially screw them into the joists.

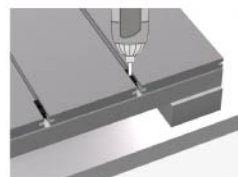
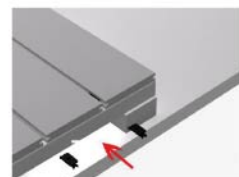


- 5 Insert the next piece of flooring into the locking mechanism, and gently tap it with a rubber mallet to ensure an even gap. From above, tighten the screws to gradually compress the locking mechanism and secure the flooring. The gap between the flooring and the previous piece should be 5-6mm.

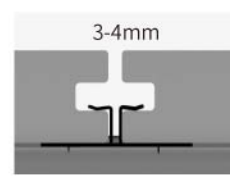
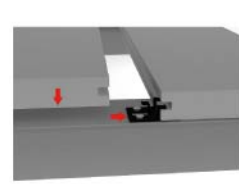


### Quick installation method

Position the flooring correctly, then slide the clips into the groove (the number of clips required depends on the number of single-row joists) for swift installation.



- 6 To install the metal clip series: repeat the same steps as for the other clips: first, push the metal clips into the groove of the floor; then, fix them with screws after pre-drilling; next, push another piece of floor into the clips; finally, use a rubber hammer to lightly tap the metal clips until they completely clamp the floor.



## Accessories

Accessories play a crucial role in the installation, functionality, and long-term performance of WPC terrace products. They are specifically designed to complement terrace systems and enhance their overall effectiveness.

These accessories encompass a range of components, including mounting clips, fasteners, edge trims, joists, support beams, and more. They are engineered to provide optimal support, stability, and durability to WPC terrace boards. By seamlessly integrating with the terrace systems, these accessories ensure easy installation and create a secure structure.

Using the recommended accessories is essential as it guarantees compliance with the manufacturer's specifications and guidelines. This not only ensures proper functionality but also helps maintain warranty coverage. The carefully curated accessories work in harmony with the original terrace systems, offering a comprehensive and reliable solution for your outdoor space.

## Plastic Decking Assessoroes



LP001  
5mm



LP002  
6mm



LJA001  
4mm



LJF002  
3mm



LJH001  
4mm

### The Head And The End Clips



It is suitable for installing the starting and ending pieces of decking. It does not require visible nails due to its hidden structure. The installation effect is excellent, resulting in a seamless and visually pleasing finish.

### End caps



It is suitable for covering the two ends of hollow decking, especially for decking with round holes. It adds a fashionable touch and can be installed quickly.