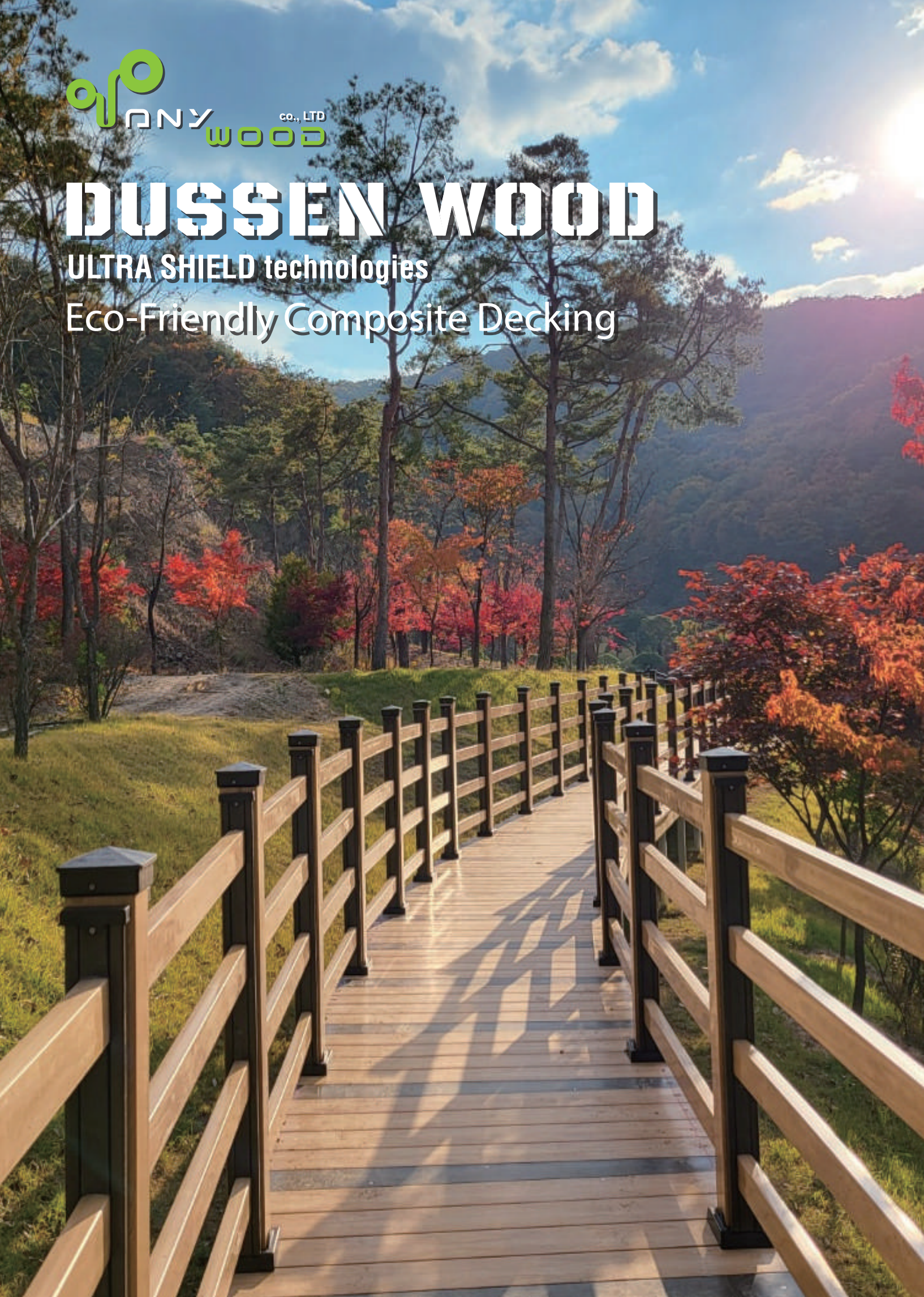




DUSSEN WOOD

ULTRA SHIELD technologies

Eco-Friendly Composite Decking





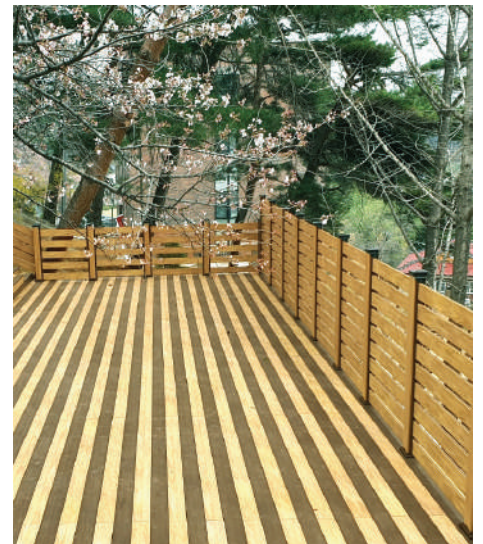
In Harmony with Nature

We strive to create a beautiful and prosperous world, creating refreshing shelters within any urban center, fulfilled by our young and innovative technology, research and eco-friendly product development.

Our promise is that our practical products are manufactured to consider their impact on the environment and how that may affect when passed onto the next generation. We continue to challenge ourselves by safeguarding our product quality and customer satisfaction, both paramount to our company's priorities and its best future.

We thank our customers for their continued support and interest, helping us do what is happy and fulfilling.

From, All Executives and Staff at Anywood Inc.





Sustainable, durable Decking built to last

Featuring the latest technology, NFC Wood is the best natural-looking composite timber decking on the market, that is both long-lasting and ultra-low maintenance.

Manufactured using only the highest quality materials and components, this composite wood decking is built to last.

Made from recycled pvc materials, with a durable semi-permanent lifespan of over 20 years. It possesses a Natural wood look and feel, that is UV-protected with polymer capping designed to withstand the harsh Australian climate, anti-slip properties that also resists mould, mildew and fading.

- Low maintenance – no oiling, no sanding, no painting!
- Natural look and feel of timber
- Hidden clip system
- Fully capped for Ultra Protection against moisture
- 20 + lifespan
- Durable and resistant to stains, mould, UV and pests
- Made from 95% recycled material

Technology of Green composite Wood

1 Durability

NFC Wood is made with wood fiber and thermoplastic resin using extrusion molding; a highly durable, semi-permanent eco-friendly building material that combines the advantages of both wood and plastic. It is an innovative new material solution to resistant to water, moisture, and pest problems commonly endemic to wood.

2 Measurement Consistency and Superb Customizability

The technology present in our NFC Wood, ensures virtually no warping or splitting from environmental factors like UV light or temperature fluctuation. As a result, measurements are always consistent, allowing you to easily tailor any order to your choice of size, color, and usage to create a perfect space of comfort and enjoyment.

3 Excellent Water Resistance

Whether by the beach, waterside park, stage on the water, or any wet areas, our decking maintains its quality standard without warping, decay, or deterioration.

4 Aesthetically Pleasing with a Natural Look

Create any look you want with our natural-looking decking that comes in a range of colours and with ease of processing. Add a luxurious touch to any interior and exterior to create an eco-friendly space in beautiful harmony with all surroundings.

5 Antibiosis

The material of our NFC Wood is safe for humans and eco-friendly to nature. Our decking has 99% growth suppression of harmful fungi, ecoli, and other germs. It prevents pollution by liquid, fragrance-free, toxic-free, and antibacterial as a building material.

6 Pest Resistance

Free of any preservatives harmful to the human body, our decking boasts excellent resistance to insects, viruses, and weather while emitting healthy far infrared rays and anions to maintain a refreshing space.

7 Sustainability

Our NFC Wood is committed to sustainability, using recycled materials such as post-industrial wood materials, chaffs, and nutshells. Any leftover NFCs after installation or demolition can be recycled into new products.



Natural Grain, Double Extrusion

Ultra Shield Deck Materials

Product Feature

The Next Generation Composite Wood with Luxurious Colors and Natural Look

Ultra Shield's patented extrusion technology produces the next generation NFC wood with better surface strength and non-slip functionality, correcting the limited variety and durability of conventional composite wood. Our premium composite wood has superb surface layer strength that allows a wide range of finishes and the look of the natural wood grain.

Colours



Oak



Walnut



Grey



Khaki



White

Type

Solid Clip Type

Size, No. Dimensions & Model No.

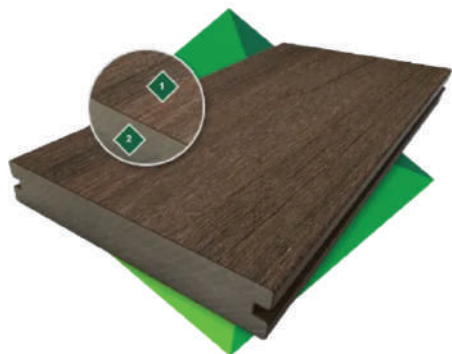
Size	ID No.
20 × 150 × 2400 / 3000mm	23424201
25 × 150 × 2400 / 3000mm	23424202
30 × 150 × 2400 / 3000mm	23424203

Our Portfolio

Ultra Shield Decking Examples



ULTRASHIELD® TECHNOLOGY



UltraShield® Technology is the most reliable, most attractive, most fade and scratch resistant, most beautiful and most durable composite decking board in the industry, since 2010.

After years of engineering and field-testing has yielded a product of unmatched performance and beauty. UltraShield® Technology is all-weather decking and possesses a proven strength of high density polyethylene plastic and wood fibers as well as an outer shell of polymer that completely encapsulates the board in an impermeable protection layer that provides scratch, stain and fade resistance.

CO-EXTRUDED CAP

UltraShield® Technology weather-resistant decking is made from a capped wood plastic composite, which means it has an advanced premium shield encasing, where all four sides surround its inner core. Both the shield and core are extruded together under a very high temperature mold simultaneously, meaning there are no adhesives or chemicals that are harmful to the environment in both production and it's lifespan.

COMPOSITE CORE

UltraShield® Technology core is made from carefully selected recycled material and highly dense recycled hardwood and softwood fibers. This allows for greater strength and durability, and best of all, it's 100% recyclable.

The UltraShield® Technology board is capped to 360 degrees to give the board maximum protection against:

- mold/mildew
- stains
- fading
- cracking
- cupping, and
- swelling.

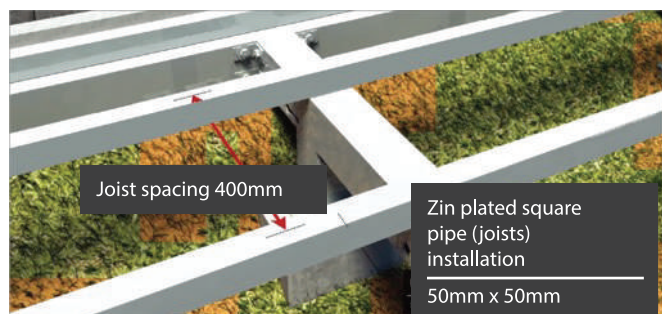
Capping 360 degrees around the board, provides complete protection to the board overall, even in the groove. This protects the board from:

- UV,
 - water,
 - insects, and
 - any other mold/mildew
- from attacking the core.



How to Build Installation Instruction

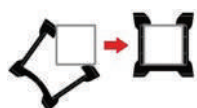
Ecofriendly Composite Wood Installation: All Models



Single foot and yok should be spaced out
1500~1800mm

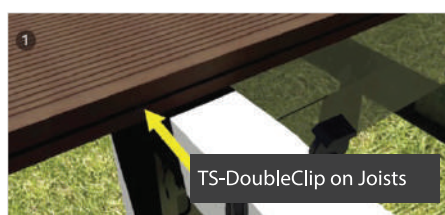
Zinc Plated Square Pipe Dimensions /
Thickness Joist Distance

Timbering	100 x 100 x 2.3T
Yoke	100 x 100 x 2.3T
Joist	50 x 50 x 2.3T



[50*50 square pipe special clip]

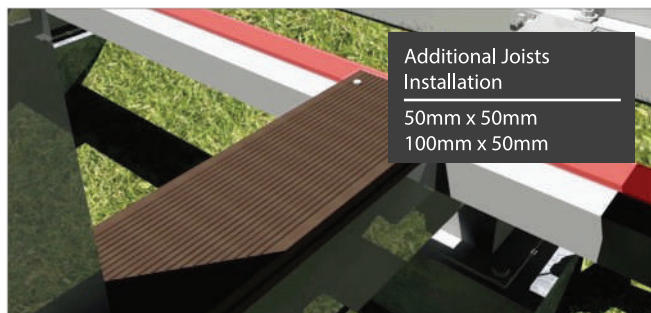
Double Clip Deck Installation



1. Insert the protrusion of TS-doubleclip into deck bezel and secure.



3. Use the TS-doubleclips to fix the cross-deck and underflooring.



For lengthwise sections, use 50 x 50mm double joists or install 100 x 50mm or fitting square lumber.

Joist Spacing for Each Deck Thickness

Deck Thickness	Max. Spacing
20T Solid Type	@ 300 or less
25T Solid Type	@ 400 or less
28T or more Solid Type	@ 500 or less

Always follow the suggested installation guidelines.



2. Recommended gently using a rubber mallet to secure into the deck.



4. Repeat Steps 1-3.

N.F.C. Wood Fence

Designer Fence

Product Feature

Variety of Composite Wood
Designer Fence

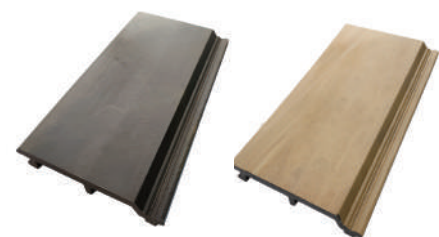
With many designs to choose from, our composite wood fence boasts great durability and ease of installation. This eco-friendly fence material has the look and feel of natural wood and is easily cut to size and can accommodate various sizes and designs. With materials safe to humans, it prevents the growth of harmful fungi and E.coli.

H-Type Non-Bracket Fence Non-bracket

Brackets are a major cause of failure in fences. Our newly fence system simply latches support pedestal and handrail onto the main non-bracket post. With no need to use a drill and a shorter installation period, it is the clean, practical solution you've been looking for.



Ultra Shield Wood Siding



D.I.Y Self Deck

Ecofriendly Composite Wood DIY Decking

Product Feature

DIY Deck for Anywhere
For Any Purposes

Terraces, rooftops, bathrooms, verandas etc.

Anyone can install Anywood DIY Decking - no special tools or skills needed. Install on terrace, rooftop, or bathroom. Our highly water-resistant composite wood means that you can install them in your bathroom without worries about deterioration.

Size 17 x 130 x 3000 mm

Strong Point

Power Durability
Highly durable product with all-around extrusion coating, this is an innovative next-generation composite wood material boasting superb quality and functionality.

Beauty
Get the look and feel of natural wood grain available in a variety of colors to create a more natural space.

Durability
Our proprietary combination and extrusion technology creates highly durable enabled sturdy materials.

Price
Meet the high-quality domestic composite wood materials at a reasonable price.



Oak



Khaki



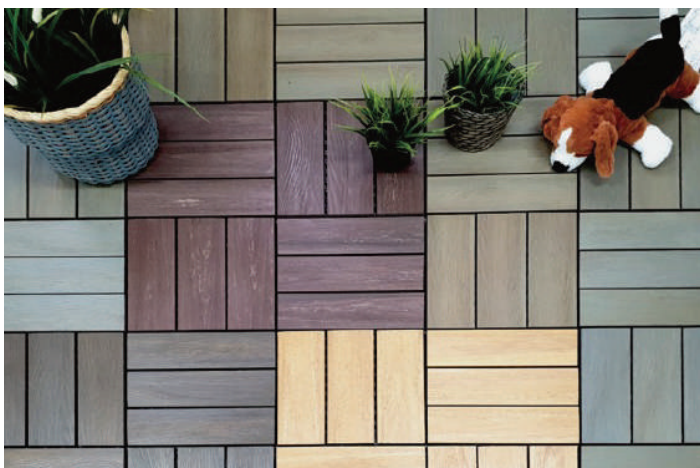
Walnut



Wine



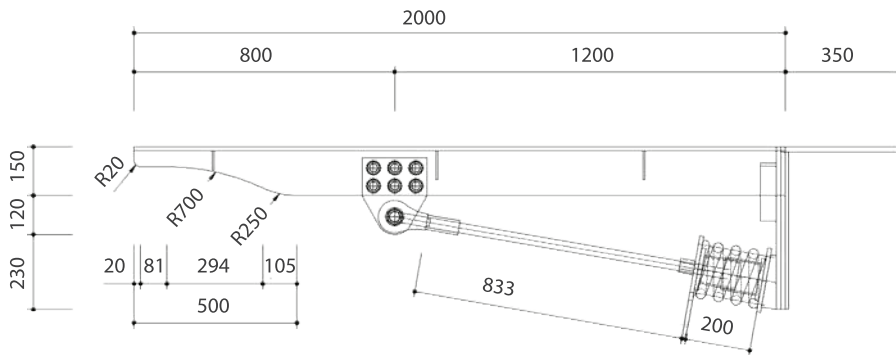
Grey



Cantilever System

Prestressed Footbridge Expansion

With increasing emphasis on pedestrian-centric traffic environment, this method allows footbridge expansion to the existing bridges and structures by installing steel brackets and adding decks (steel joists, composite wood decking, handrail/fence) on top.



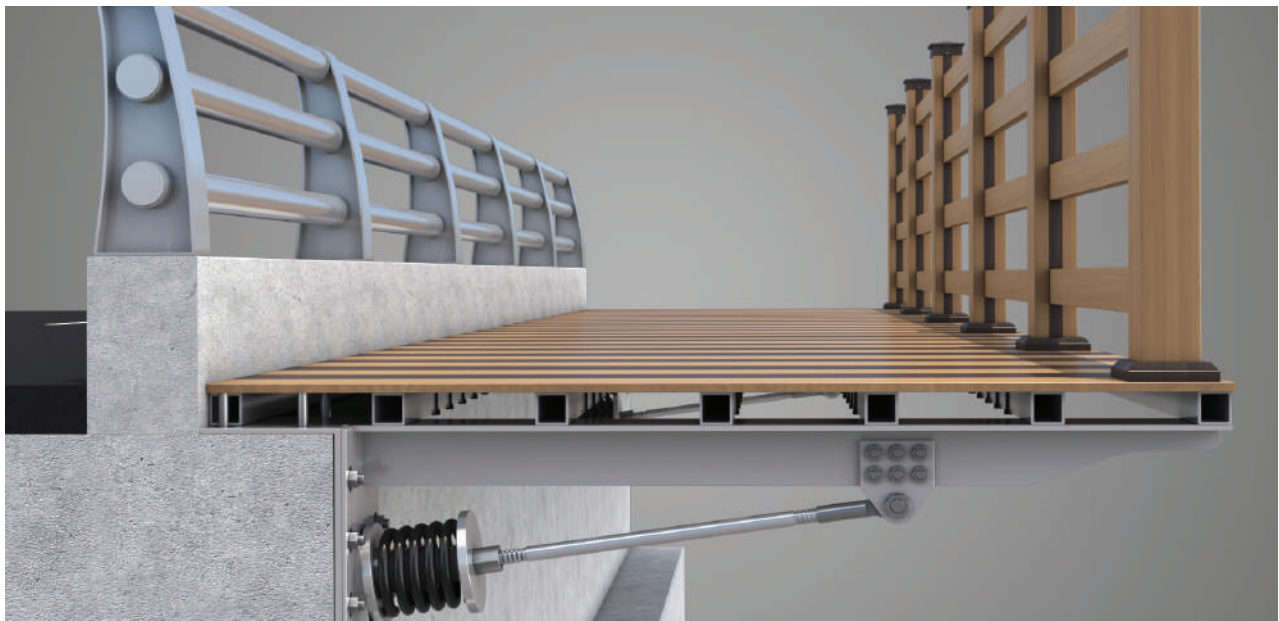
Cantilever Width	Girder Spacing
B=1.5M	CTC 2.0M or less
B=1.8M	CTC 2.0M or less
B=2.0M	CTC 1.9M or less
B=2.5M	CTC 1.5M or less

Double Clip Deck Installation

- Structural stability achieved with prestressed beams
- Hot rolled steel plates are used for welding structures.
- Main girder strength: 355MPa (SM355)
- Safety tested for warping, vibration, deflection, stress accumulation
- "Bridge Planning Standard Guidelines (critical state design regulations) 2015"

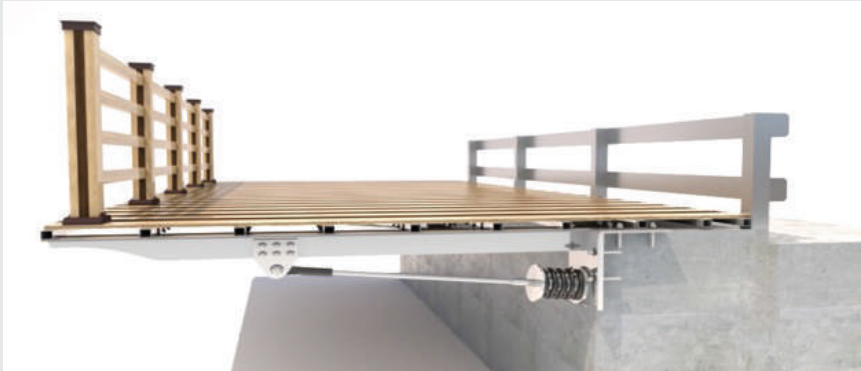
Double Clip Deck Installation

- Ecofriendly Composite Wood: NFC wood decking (KS, Green Tech, Low-Impact Certified)
- Flooring (composite wood deck boards)
Allowable Stress: 21Mpa
- Security and safety are ensured in compliance with KS Quality Standards.



Cantilever

Bridge and Retaining Wall Footbridge Expansion

	Steel Cantilever Installation Method (by Anywood)
Cross section	
Cantilever	<ul style="list-style-type: none"> ▪ Structural stability achieved with prestressed beams ▪ Hot rolled steel plates are used for welding structures (SM355) ▪ Main girder strength: 355MPa (SM355) ▪ Safety tested with Structural Analysis Program and real-life size model for vibration and deflection ▪ "Bridge Planning Standard Guidelines (critical state design regulations) 2015"
Decking	<ul style="list-style-type: none"> ▪ Ecofriendly Composite Wood: NFC wood decking (KS, Green Tech, Low-Impact Certified) ▪ Flooring (composite wood deck boards) Allowable Stress: 21Mpa ▪ Security and safety are ensured in compliance with KS Quality Standards.

Storage & Installation

Instructions and Cautions

1 Storage

1. Store in well-aerated indoor and avoid high temperature.
 2. Store with a protective cover to avoid exposure to pollution and direct sunlight.
 3. Store on a flat surface and, if necessary, prevent bending by place the materials on a pallet or other supporting structure.
 4. Place the materials horizontally and do not lean them against the wall for an extended period of time.
-

2 During Installation

1. Take caution while transporting and un/loading to avoid damage to products.
 2. Follow safety guidelines. Product, if dropped, may cause injury.
 3. Confirm the number and quantity of component materials and carefully follow the steps in the installation instruction.
 4. Before installation, you must learn the composite wood installation specifications. (Damage arising from installation not in accordance with specification will be subject to repair charges.)
-

3 Cautions

1. The appearance of product colors on catalogs is subject to printing limitations. Actual colors may vary.
 2. Product specifications are subject to change for quality improvement.
 3. All products represented in the catalog are protected by patents, utility model, and other relevant laws regarding intellectual property.
 4. All products included in the catalog are patent registered or in application process. Unauthorized use is prohibited.
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DUSSEN WOOD

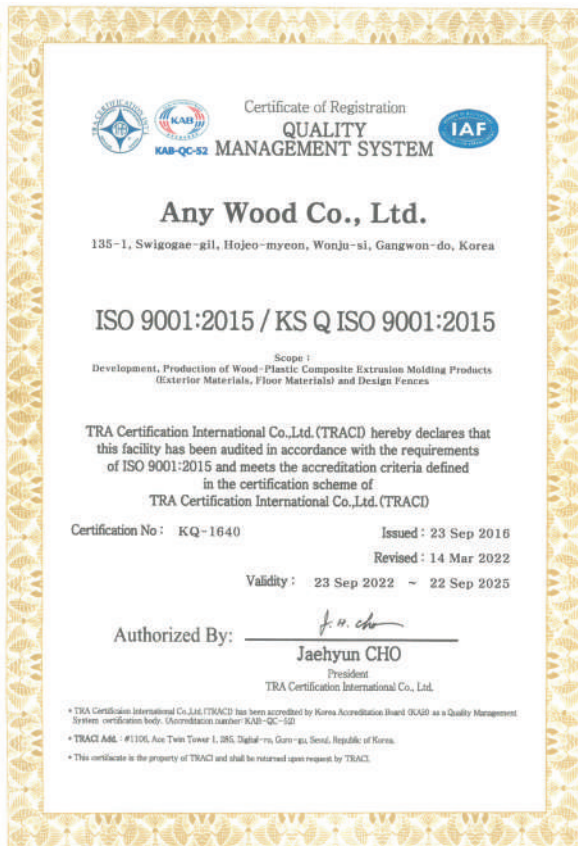
ULTRA SHIELD technologies

Headquarter & Factory

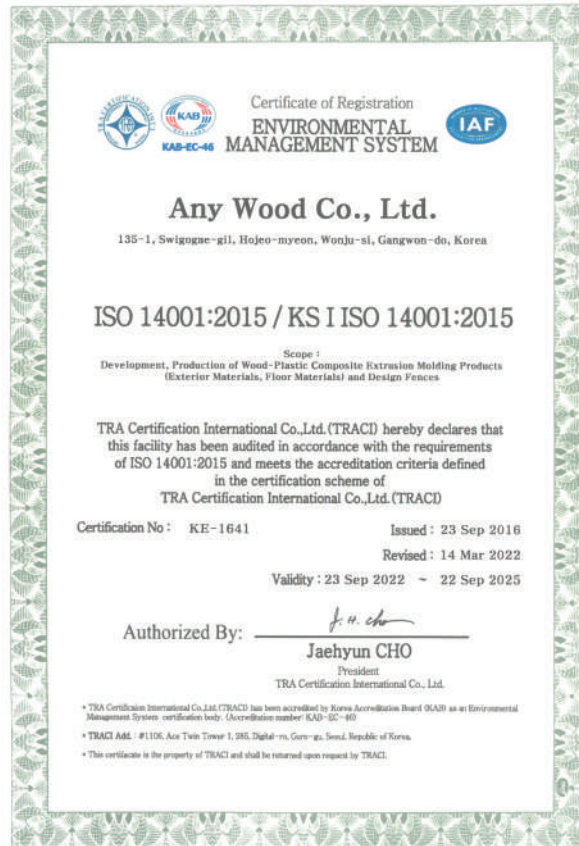


Dedicated to new technology research
and eco-friendly product development
Innovative. Dynamic. Young.

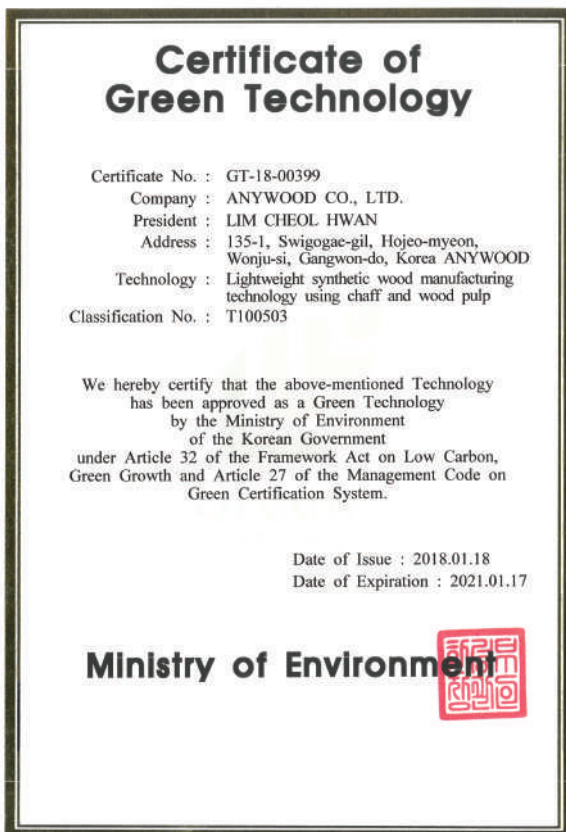
ISO 9001:2015 Certificate



ISO 14001:2015 Certificate



Certificate of Green Technology



Certificate of Korea Eco-Label



FloorScore® certificate pending



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