

ATLANTA ECO WOOD

THE SYNTHETIC WOOD SYSTEM



ATLANTA INDUSTRIES, INC.



Atlanta Eco Wood, Application of High Tech Material Science of Practicing Affection of Forest

The Buchang introduced the environment-friendly recycle system in the production process of Atlanta Eco Wood to improve lifestyle and for the benefit of people.



Distinctive Features of Eco Atlanta Wood



Strong Water Resistance



No Wood Protection



Diffusion of Formaldehyde and VOCs are close to zero



No Deformation and Crack for Heat



Easy to Maintain and Repair



No Corrosion (insect resistance)



Recyclable Environment -friendly Product

Maintenance and Management

Removing light dust and contamination

Remove dust with broom or brush and use wet mop to clean up the area.

Removing Grease Stain

Use exclusive cleaner for wooden deck or sandpaper to sand stained area.

Removing Scratch

Use sand paper to sand the surface if there are great deal of scratch on the surface from a long use. If scratched area is wide, please consult the professional help.

Accelerated Weathering

If the surface is exposed to the sun for a long time (2-3 years), the surface gradually begins to change its color. It is natural phenomena from the heat and it can be fixed by the sanding its surface using sandpaper.

Atlanta Eco Wood Product Specification

Deck Specification

Products are various in its thickness. But those less than 25T tend to be fragile while those more than 30T are relatively too much. Therefore, considering the distance gap between joists, products between 25T and 30T are highly recommended for use.

Color of Product

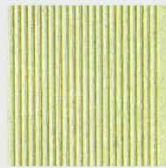
Atlanta Eco Wood contains a coloring matter that prevents change of color, thus less yellowing develops. The longer it stays outside, the more natural color it will get.



Brown



Walnt



Natural

May change the color of the product according to the demand of the consumers.

Surface

Eco Wood provides tree-like feeling and excellent processing with aesthetic design.



Groove+Brusing



Brusing

Deck Materials

Eco Wood for deck has the best quality in terms of durability and water resistance. More convenient atmosphere is guaranteed for outside places.



Fence Materials

Eco Wood for fence provides excellent durability and is attached easily to other parts. At any places, it is installable.



Support Materials

Eco Wood for pillar gives good durability and water resistance. Neat finishing is another benefit.



Subsidiary Materials

Subsidiary materials help installation go easily, creating an aesthetically pleasing design.



Deck System Plastic Rail-type Floor Joist



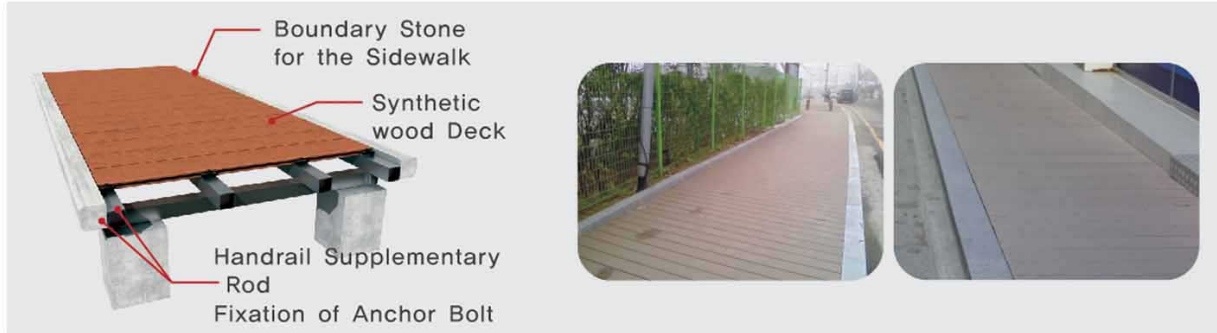
While conventional structural steel pipes take time and cost because it requires welding work, the plastic joist can reduce time and cost, making deck-installation more efficient.

Comparison of Installation Method

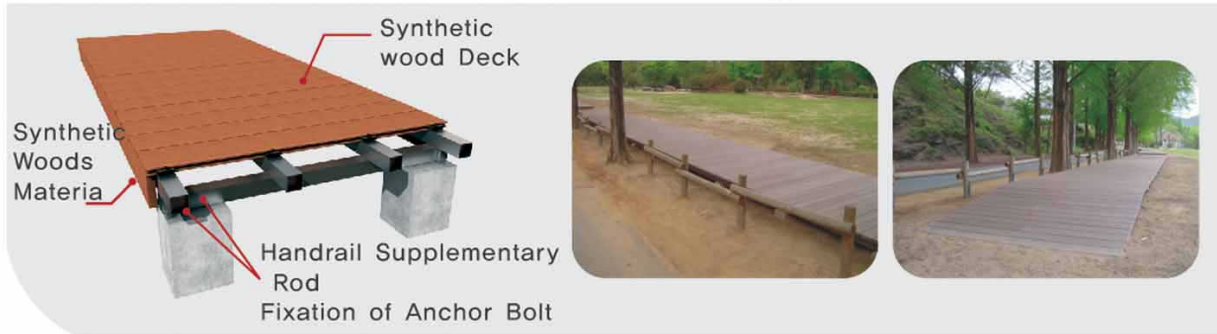
| Classification | Image | |
|----------------|-------|--|
| Screw Fixation | | <ul style="list-style-type: none"> - Variation of the temperature is a main factor for the bending of synthetic wood from expansion. - The exposure of the upper part is not good visually. - Loosening of the piece from the vibration of the deck reduces durability. - It is difficult to maintain regular distance with other decks when installing deck. |
| Joint Fixation | | <ul style="list-style-type: none"> - As the upper part of the deck is not exposed, it is visually better than other method. - Its durability increases as the loosening of the piece never occur from noise vibration. - The distance between underflooring and the deck is maintained at 5 mm, which is good for ventilation and water flowing to increase durability. |

Deck Type

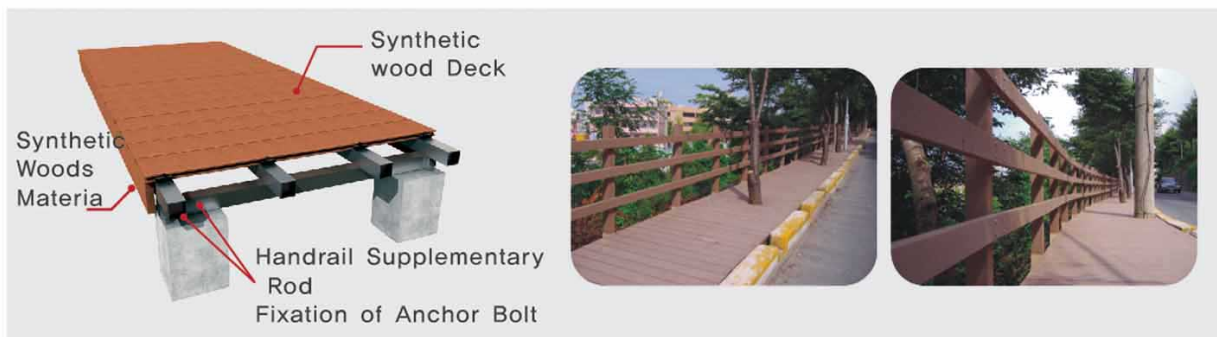
Install in the park with boundary stone for the sidewalk. It can also develop at sidewalks near the plaza and buildings.



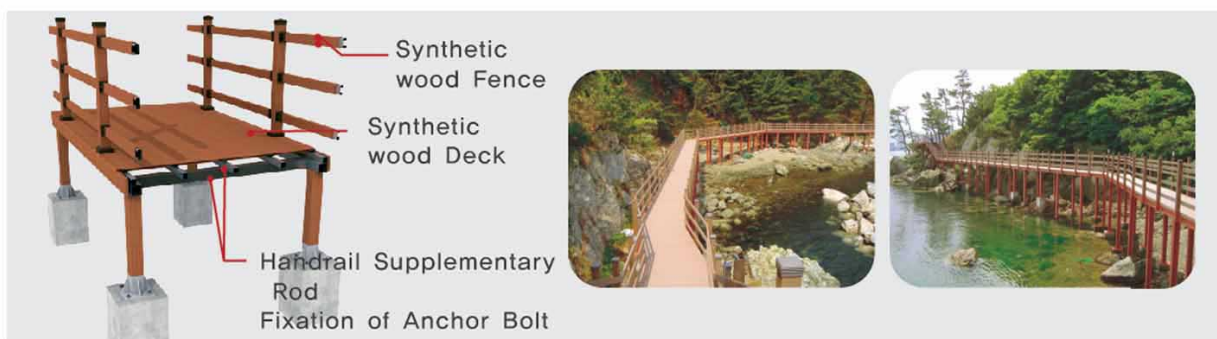
Install at the flat land without boundary stone and can be applied to stand.



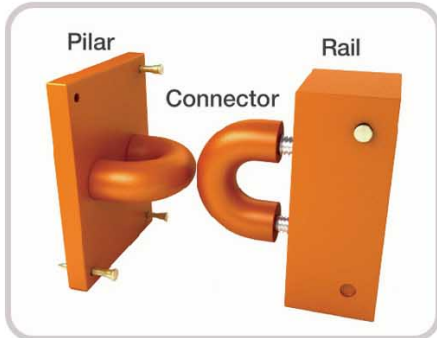
Install at the sidewalk of slanting surface, near pond and water.



Install at the sidewalk of water front, coastal areas and wetland.



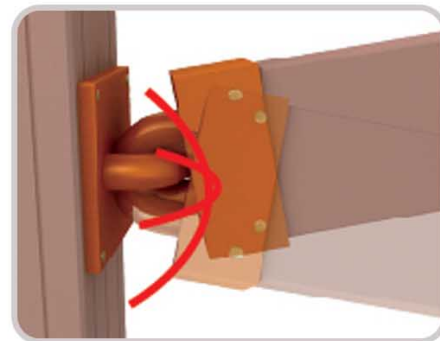
Fence System



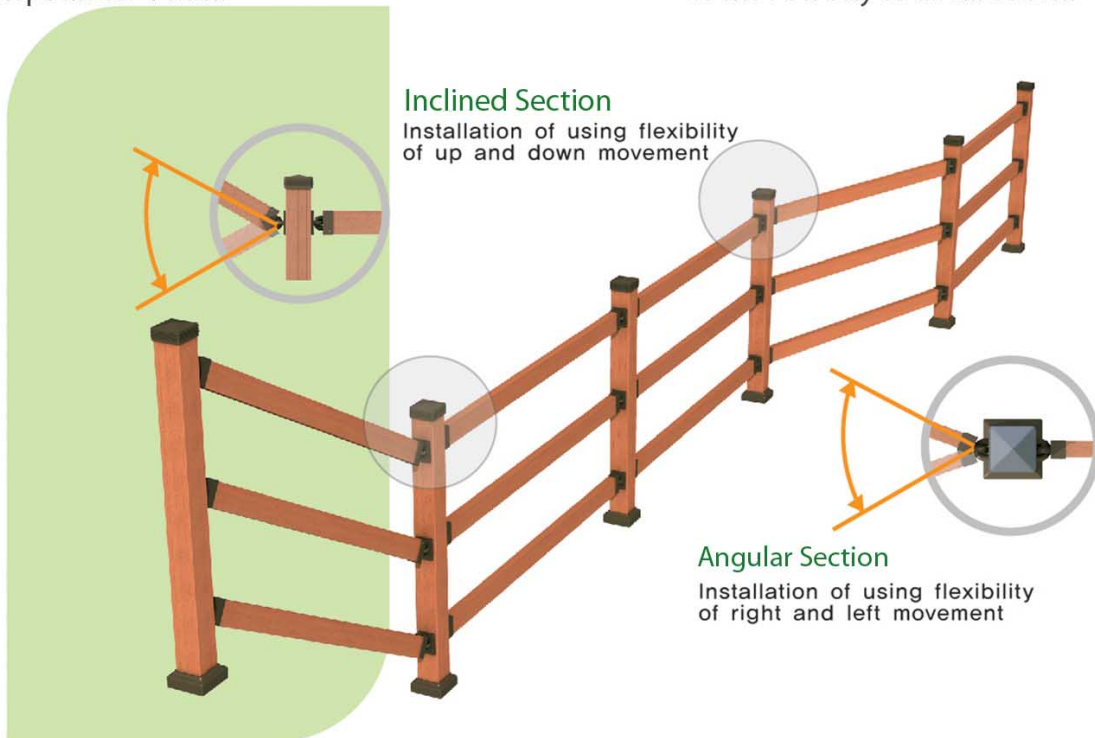
Composed of 3 pieces, after joining pillar and rail to the bracket, fix it to other part with screw nail.



To avoid the gap, the error must be kept under 1 mm.



Using round shape ring, it is easy to move freely to all direction.



Inclined Section

Installation of using flexibility of up and down movement

Angular Section

Installation of using flexibility of right and left movement

MODEL NO.: BC DF 503



Standard : W:2.0m x H: 1.2M

Features : Synthetic wood fence in a traditional shape

MODEL NO.: BC DF 303



Standard : W:1.5m x H: 1.2M

Features : Rope-type three-storey synthetic wood fence

MODEL NO.: BC DF 501



Standard : W:1.5m x H: 1.2M
Features : Vertical type of synthetic wood fence

MODEL NO.: BC DF 502



Standard : W:1.5m x H: 1.2M
Features : Synthetic wood fence at various angles

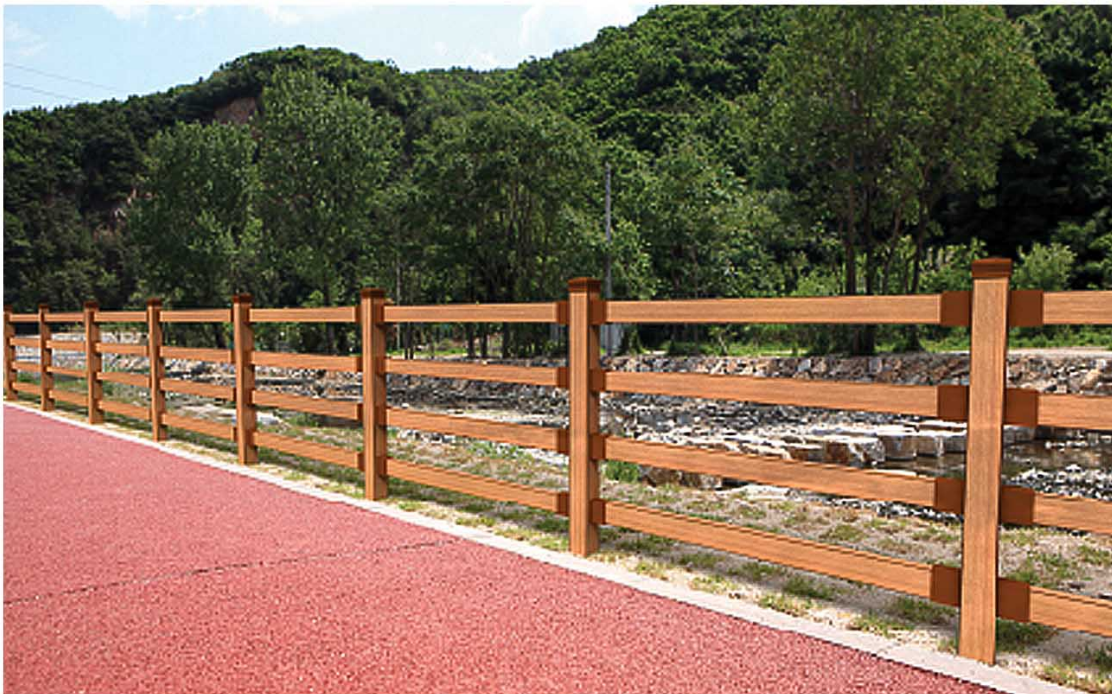
MODEL NO.: BC DF 302



Standard : W:1.5m x H: 1.2M

Features : Three-storey synthetic wood fence by using rotatable aluminum brackets.

MODEL NO.: BC DF 401



Standard : W:1.5m x H: 1.2M

Features : Four-storey synthetic wood fence by using rotatable aluminum brackets



Development of Environment-friendly Eco Park

As water resistance and emit nearly zero formaldehyde, Eco wood is perfect material for the development of Eco Park.





Deck-building at a wetland

When a deck railing is installed at a wetland area, it should contain the least pollutant possible. Atlanta Eco Wood, in this regard, is the most suitable material for wetland.





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Installation of Resting Areas

Resting area in the hiking course refreshes hikers. Being semi-permanent, Atlanta Eco Wood lasts long and very economical.

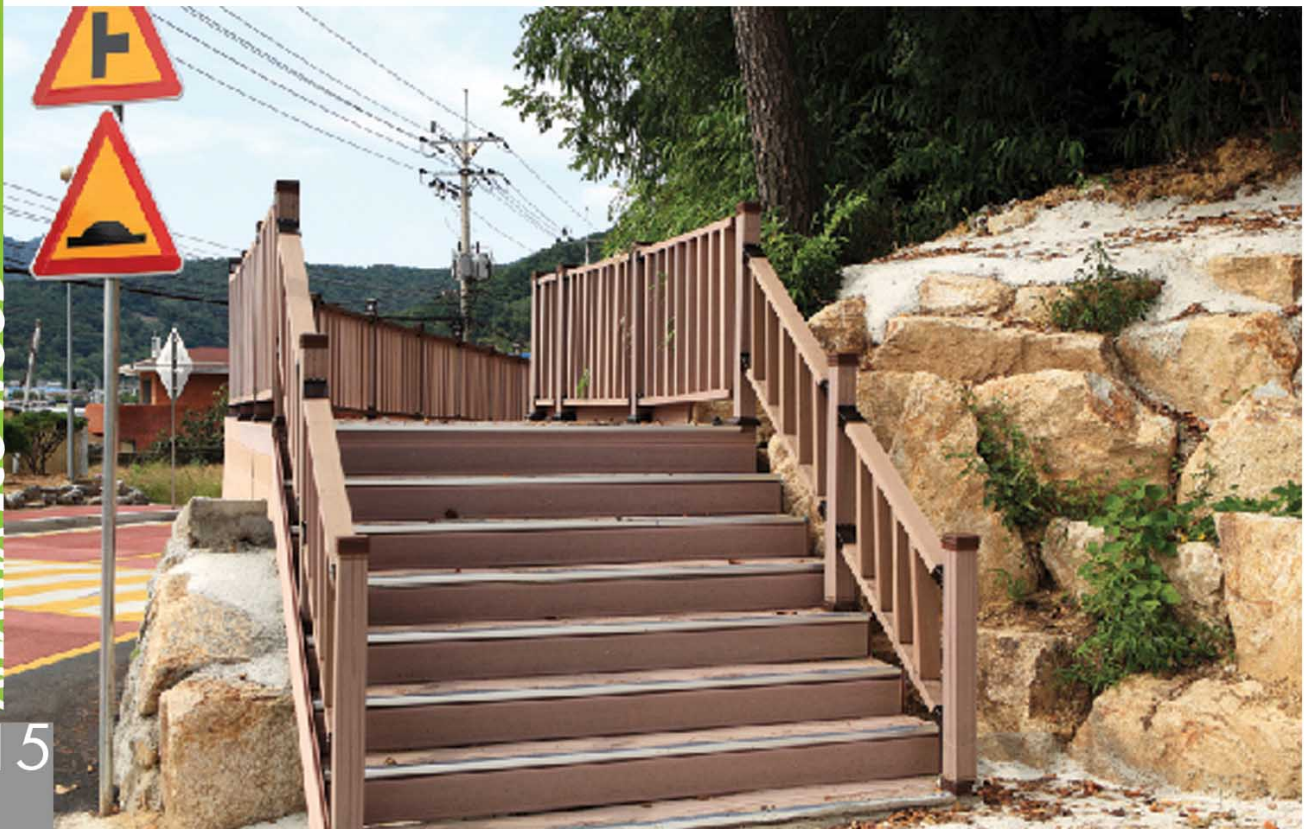


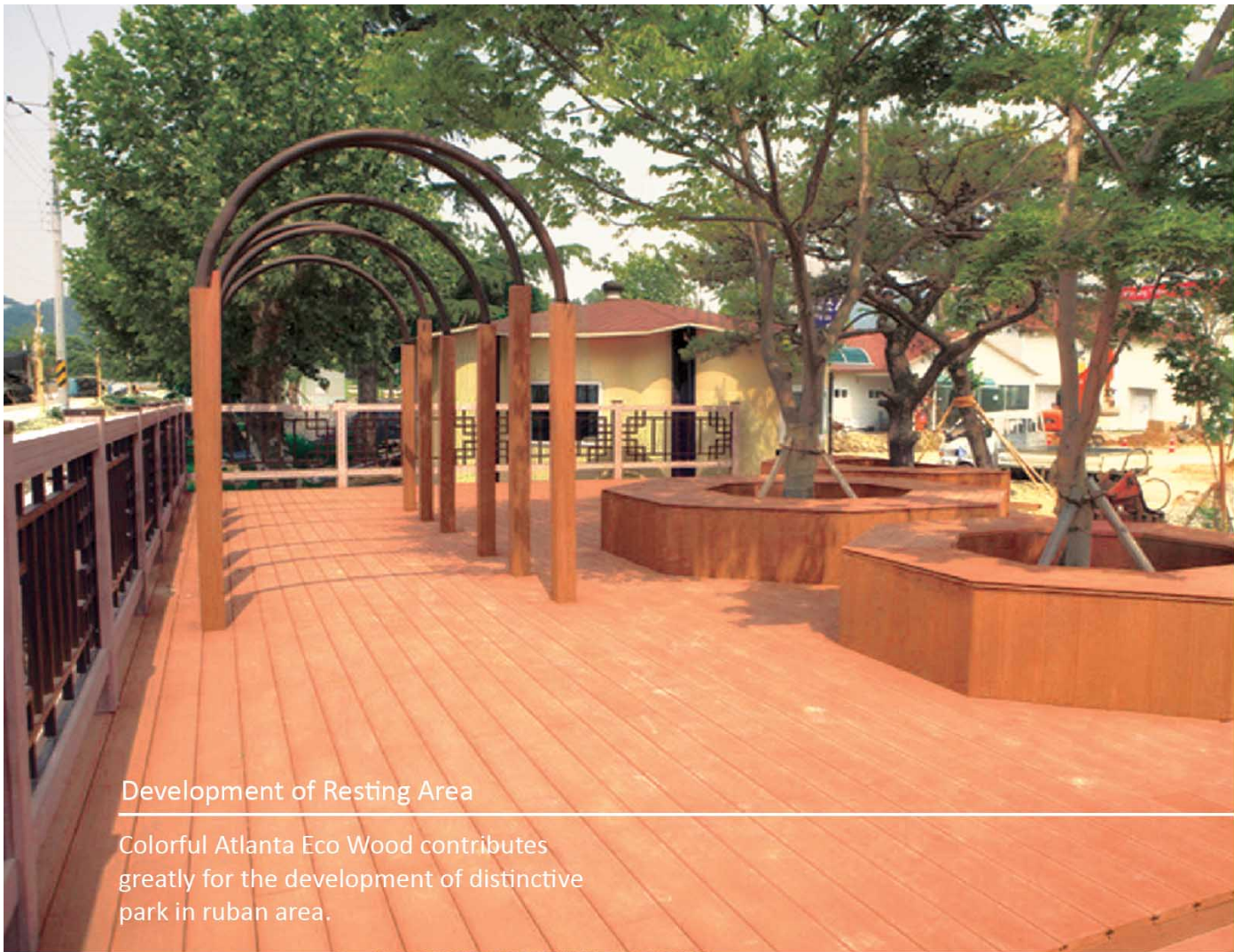
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Building a pedestrian path near road

In case a block paved path is hard to be built, Atlanta Eco Wood can be an alternative. It comes various in shapes, helping people walk safely and drive comfortably.





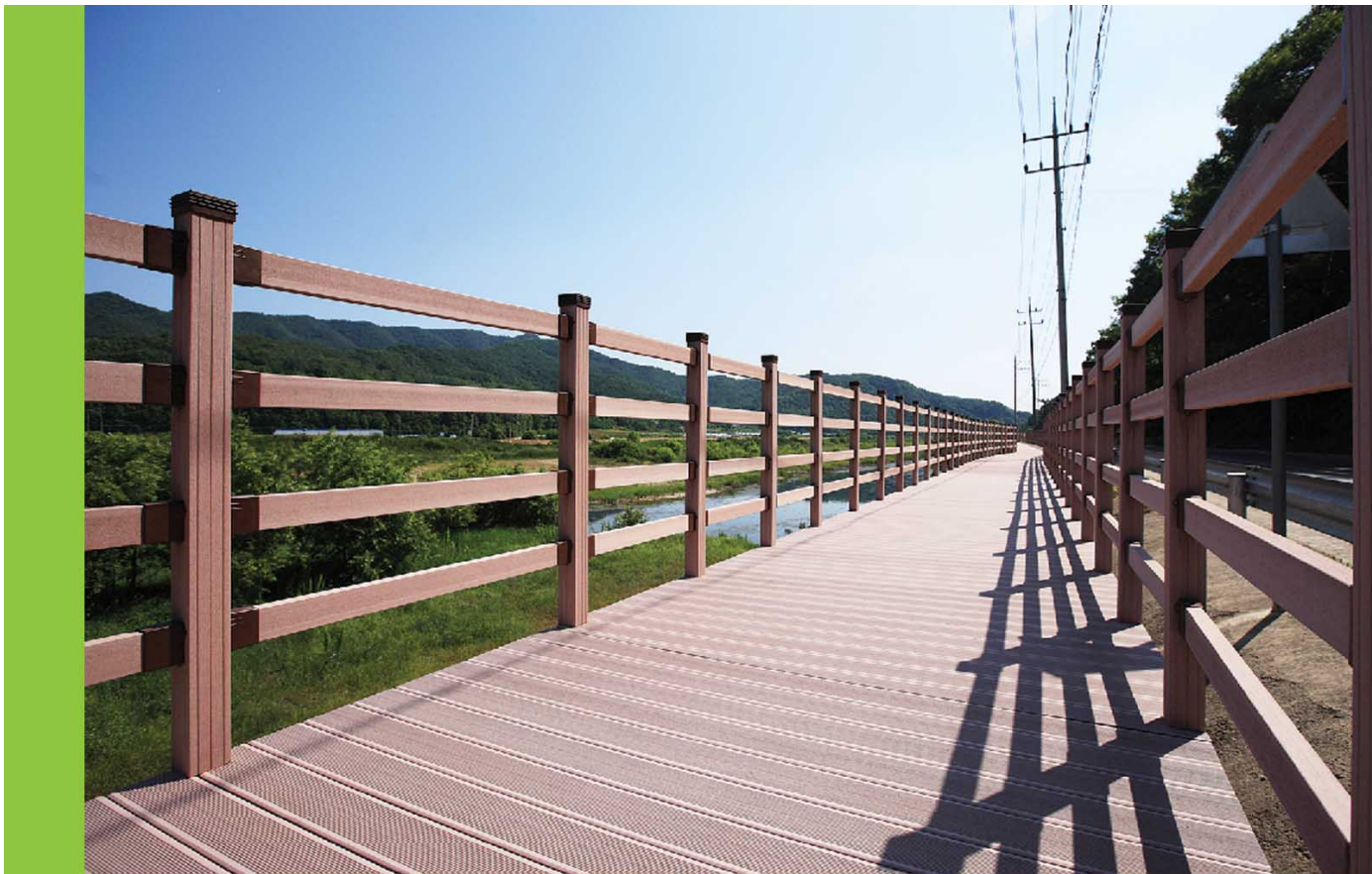
Development of Resting Area

Colorful Atlanta Eco Wood contributes greatly for the development of distinctive park in urban area.



Construction of Pergola in the Park

Atlanta Eco Wood is excellent material for other facilities such as pergola and bench in the park.



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Establishment of Trail on the Coast

Atlanta Eco Wood is excellent material for other facilities such as pergola and bench in the park.

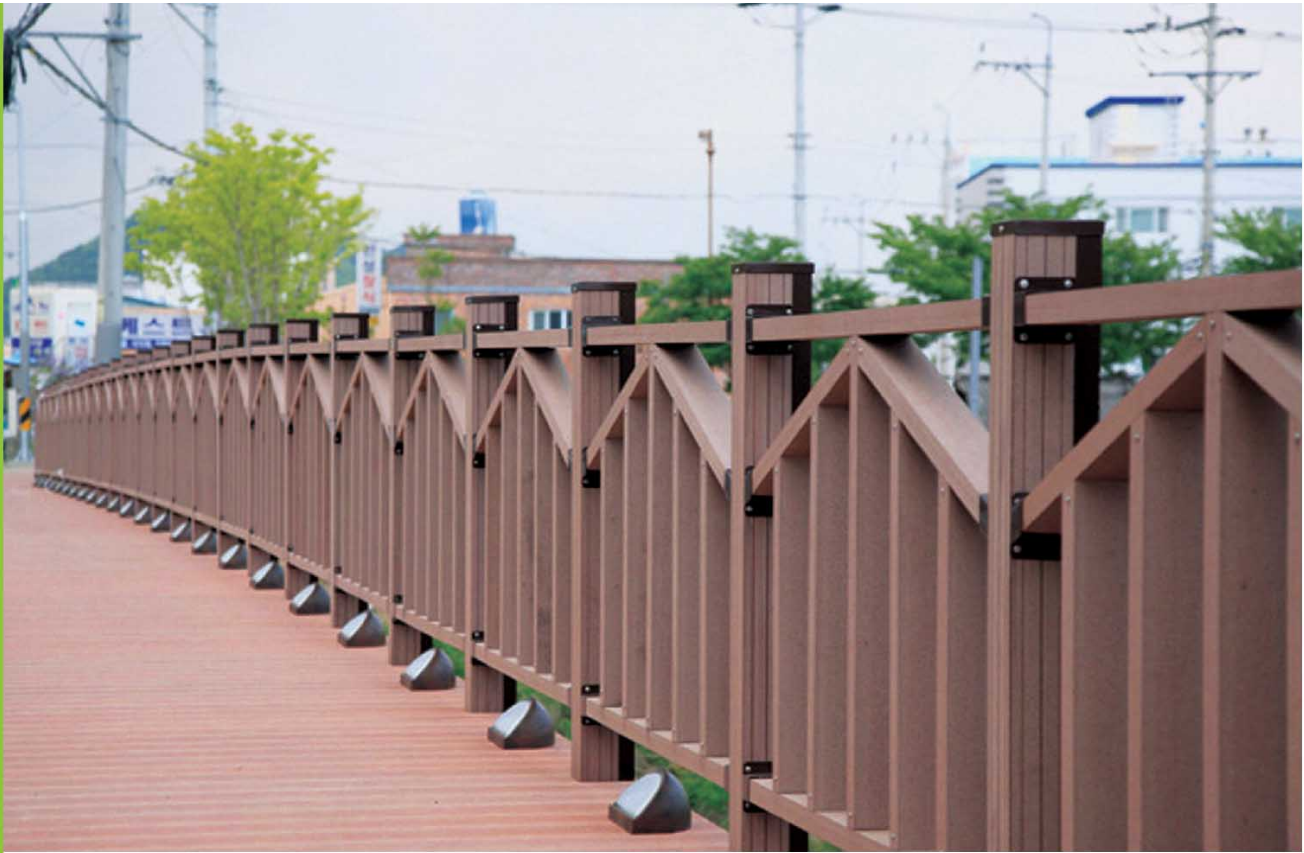


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Building a wooden bridge

A wooden bridge is built mainly for safe structure, aesthetic beauty and harmony with the nature around. Along with a variety of its color and touch feeling to people walking on a walk path and bicycle.



Installation of Pedestrian Overpass

Construction of pedestrian overpass that reflects regional characteristics.





Development of a Promenade

Unlike other ordinary or rough dirt paths, Atlanta Eco Wood absorbs shocks and protects hikers from injury.



Establishing Geumoji Ecological Park

A deck road that crosses an ecological park and a floating deck road both offer excellent convenience to visitors.





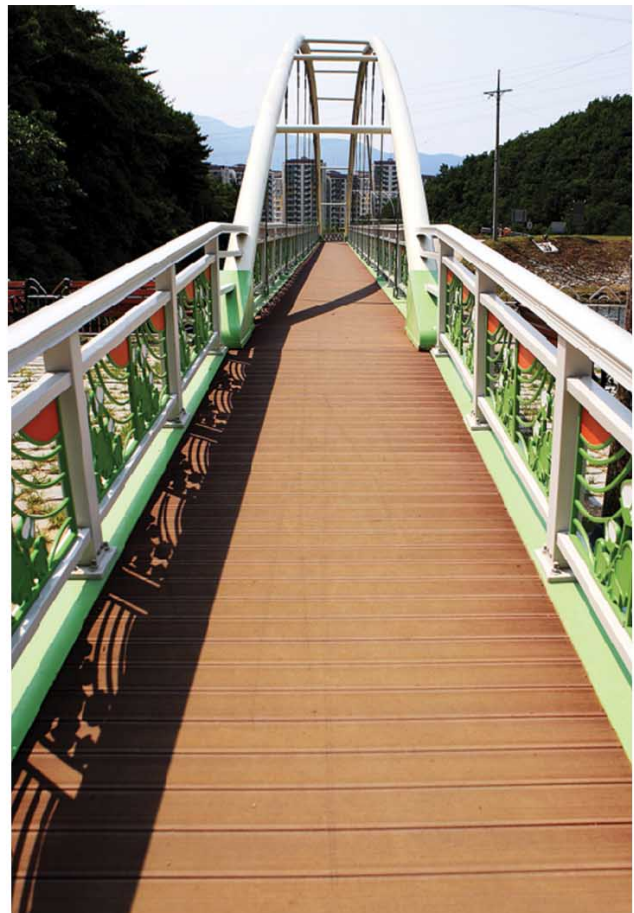
Development of Eco Park

Having resistance to water and natural characteristics, Atlanta Eco Wood can produce various design for the park.



Improvement of Sidewalks on the Bridges

Eco wood is used for the development of sidewalks on the bridge to protect pedestrian. It also improves the images and values of the city.





Development of Small Park

Having resistance to water and natural characteristics, Atlanta Eco Wood can produce various design for the park.





Installation of Handrails

Atlanta Eco wood is excellent for the handrail in the park with strong durability and natural characteristics.

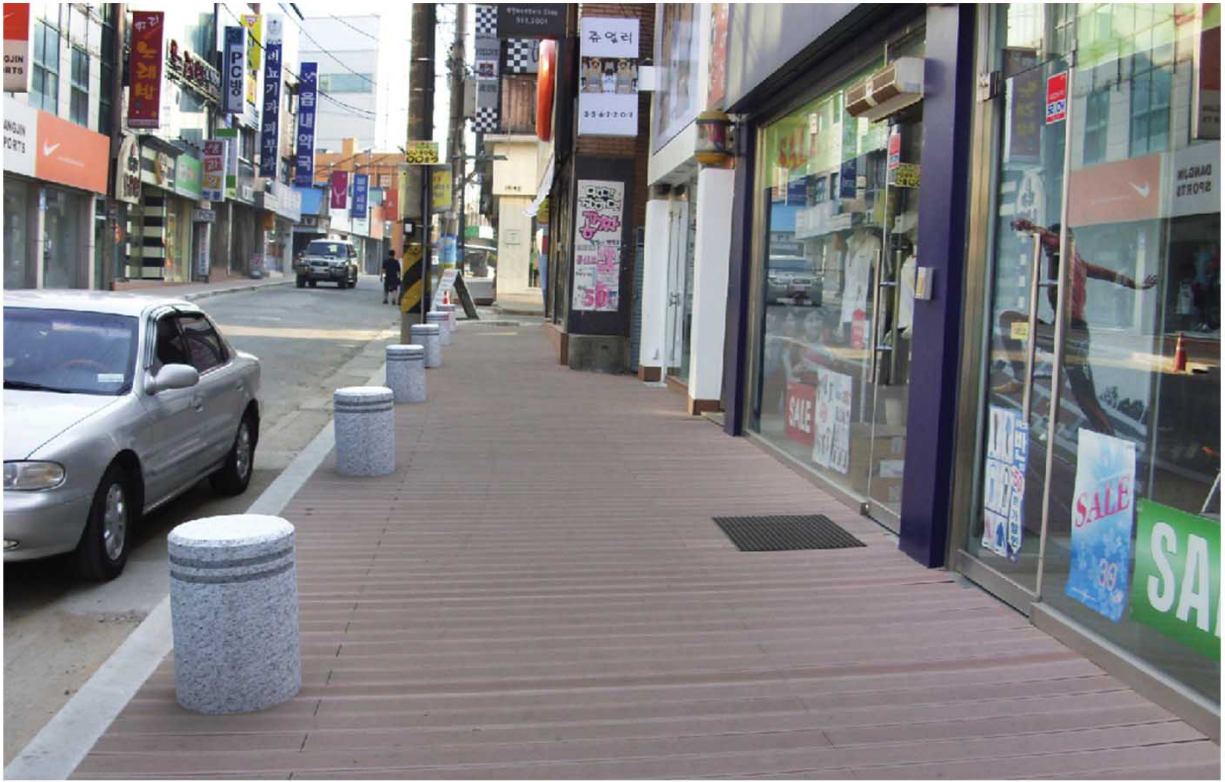




Pension

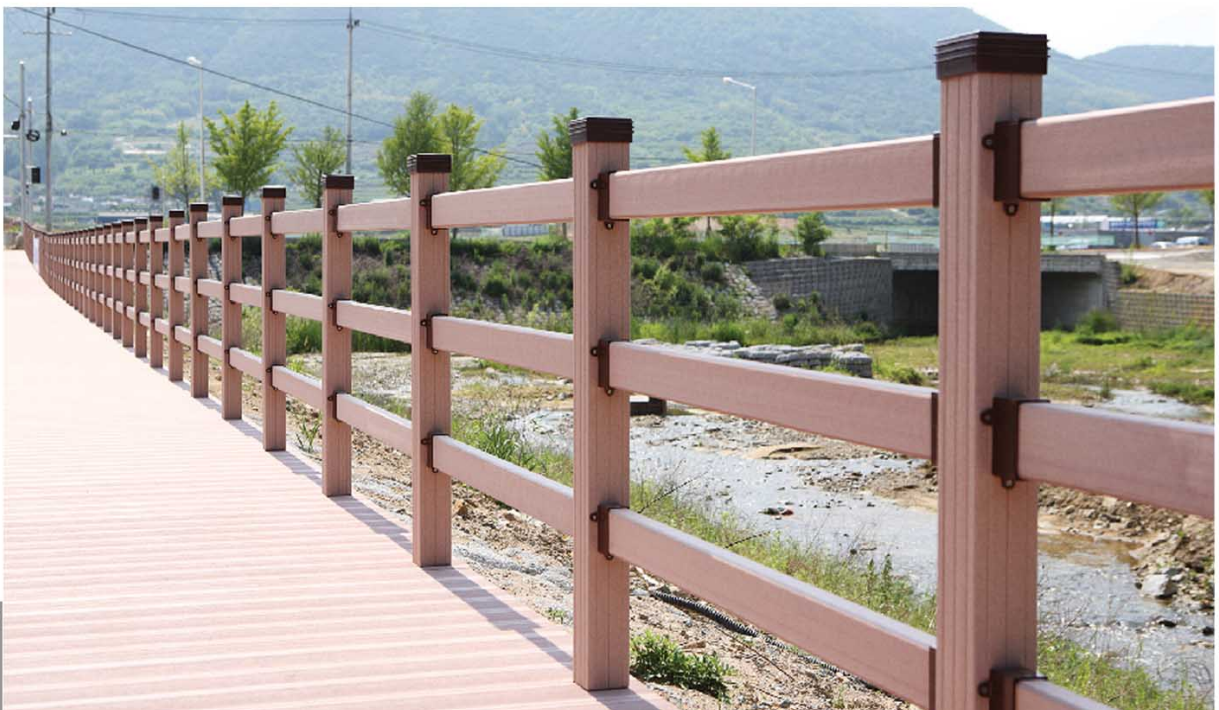
Buchang ECO wood is excellent durability and natural subject matter being natural subject matter being natural, the building will do to make look better more.





Improvement of Sidewalks

Without antiseptic and coloring Eco is perfect material to improve sidewalks of busy street





Improvement of Stands in Sports Facilities

Unlike other stands with cement and plastic, Atlanta Eco Wood adds special feelings and visionary effects.



Setting night lighting

Night scenes look different depending on light-setting. Built at any place, Atlanta Eco Wood-made decks and fences can increase its safety and aesthetic value.

