



NewTechWood

**UltraShield<sup>®</sup> Naturale<sup>™</sup>**



## NewTechWood®

NewTechWood® is a pioneer in the development and manufacture of outdoor composite wood decking, wall cladding, fencing, railing, DIY quick deck and garden furnishings.

Since its early beginnings in 2004, NewTechWood® has been on the cutting edge in wood plastic composite (WPC) technology, to develop products that bring beauty and practicality to our outdoor living experience. The secret to our success is that we listen to our customers, contractors, home builders, architects and homeowners and we provide the materials to bring their visions to life.

NewTechWood® has earned a worldwide reputation for our manufacture of attractive, in-novative, and dependable WPC materials. With rich colour variations, from deep chocolate tones to smoky wisps of grey, with natural wood grains, we've got the perfect colour for that special project.

*NewTechWood® is designed to provide unparalleled Performance and Satisfaction.*

## NewTechWood UltraShield®

In 2010, NewTechWood® began a project to design and formulate the most durable, most attractive, most fade and scratch resistant, most beautiful and most reliable composite deck board in the industry: NewTechWood UltraShield®. Years of engineering and countless hours of field-testing has yielded a product of unmatched performance and beauty. UltraShield combines the proven strength of high density polyethylene plastic and wood fibers with an outer shell of polymer that completely encapsulates the board in an impermeable layer of protection from scratches, stains & fading.

*UltraShield, is a true game changer in the composite decking industry. Conventional wood plastic composites are a thing of the past.*

## Thinking Green

We were "Green" before "Green" was fashionable. Our parent company has been recycling plastic materials for almost 30 years. Every month we save over 12,000,000 pounds of plastic from being buried in our landfills forever.

Since we control the entire recycling process, including the proper washing, sorting and screening for impurities, we know exactly what material is going into our products. Total vertical integration of our manufacturing process allows us total control, for consistent quality and colour. It also allows us to manage our material costs for stable pricing and dependable product availability.

- Our products are made from 95% recycled materials, including clear plastic bottles and reclaimed wood fibers.
- We employ yearly third party audits to comply with environmental, health, and safety guidelines and regulations.
- We've reduced our carbon footprint through waste reduction, energy conservation, and our vertically integrated manufacturing process.





## UltraShield *Naturale*™

UltraShield is a capped wood plastic composite, which means it has an advanced premium shield encasing all four sides around its inner core. The shield and core are extruded together under a very high temperature mold simultaneously, so there are no adhesives or chemicals that are harmful to the environment.

The core is made from carefully selected recycled material and highly dense recycled hardwood and softwood fibers that allow for greater strength and durability. The shield uses an advanced engineering polymer to create a formulation that gives the boards Ultra Protection.


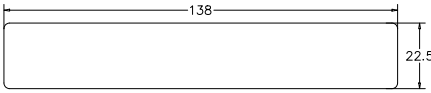

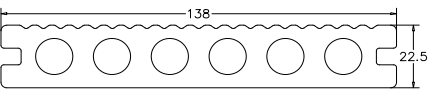

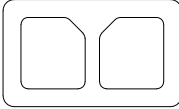

- ✓ Ultra Low Maintenance
- ✓ Easily Wiped Clean
- ✓ Longer Life Span  
than Regular Uncapped Composites
- ✓ Colour Stays Much Longer  
Compared to Conventional WPC Decking
- ✓ Natural Look and Feel
- ✓ UV, Stain & Mould Resistant

# Decking

NewTechWood UltraShield composite decking can be installed for commercial and residential applications. All of them are wrapped 360 degrees, including the grooves. The shield provides ultra protection against moisture, mold, fade, and mildew.

The solid square edge board US07 requires composite screws for installation, while all other grooved boards have compatible decking clips systems (hidden fasteners).

Matching colour decking accessories including: coloured head stainless steel screws, starter clips, hidden fastener systems, end caps for hollow profiles, fascia boards are all available to fully finish the decking.

|  |  |  |
|--|--|--|
|  |                                 | <p><b>US07</b><br/>138 x 22.5 x 2200mm</p>                   |
|  |                                 | <p><b>UH07</b><br/>138 x 22.5<br/>x 3600 / 4800 / 5400mm</p> |
|  |                                 | <p><b>RJ09</b><br/>50 x 30 x 2200mm</p>                      |
|  | <p><b>End Cap</b><br/>Polymer with matching striking colours<br/>Fits circle hollow deck profiles: <b>UH07</b></p> | <p><b>EC-UH02</b><br/>138 x 23 mm.</p>                       |



NewTechWood® DeScratch Capped Composite Decking Repair Kit

Best for nail holes, chips, dents, and scratches

Teak, Walnut, Antique, Light Grey  
2 x10cm Wax Sticks / pack; Applicator included



NewTechWood® Composite Deck Stainless Steel Coloured Head Screws

Best for neat finishes on starting and ending boards as well as fascias and stair treads.

Teak, Ipe, Walnut, Light Grey  
#8 x 2", 100 screws / pack; #2 Square drive bit included

# Decking Clips

The clips stand a significant role in any installation of composite decking, and should be understood before starting any installation to avoid mistakes.

NewTechWood® has locking systems which feature two clips, one locks and secures the board down (**Locking Clip**) and the other allows for expansion and contraction (**Control Expansion&Contraction - CEC Clip**), so that you don't experience warping or distortion of any kind after installation. The system works because it allows the user to control the direction in which the expansion and contraction will take place.

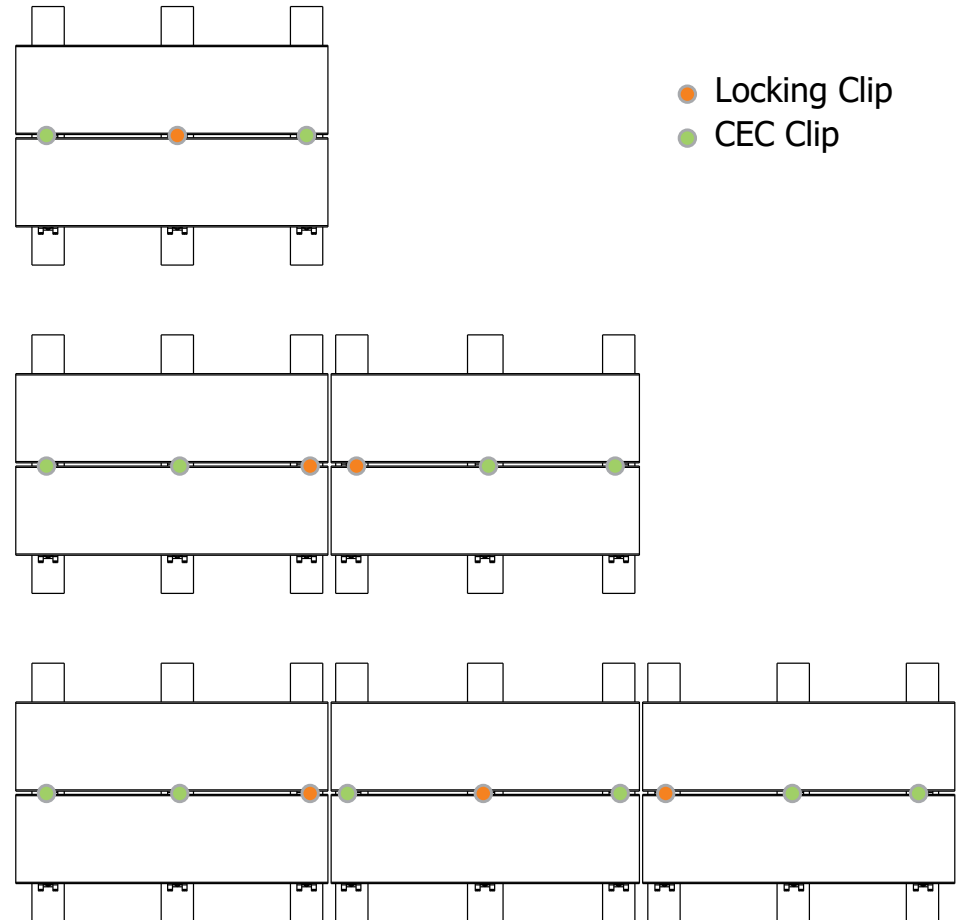
The illustrations below show the recommended placement of Locking and CEC Clips when installing a different number of UltraShield decking boards.

| Decking Clips  | Locking Clip                               | CEC Clip                               |
|--|---|---|
| <p>T Clip System</p> <ul style="list-style-type: none"> <li>• Economical</li> <li>• Easy installation</li> <li>• 6.0 mm gap</li> </ul> |  <p><b>TC-1</b><br/>(Stainless Steel)</p> |  <p><b>TC-2</b><br/>(TPO Polymer)</p> |

**Starter Clip**  
For fixing the first board:



**TC-5** (Stainless Steel)



Please visit [www.newtechwood.com](http://www.newtechwood.com) to download the full installation guides.

Please also visit [www.youtube.com](http://www.youtube.com) to watch our installation video, *search: UltraShield*

## Backed by a warranty

UltraShield Decking is backed by the most comprehensive warranty in the industry:

*25 year limited transferable warranty*

NewTechWood® is so confident in the product and its long lasting performance, that we will pay for labor expenses\* related to the replacement of UltraShield decking material if the deck under performs, so don't worry and just sit back and relax.

\*limited to certain countries, please see warranty in detail.





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