



NewTechWood



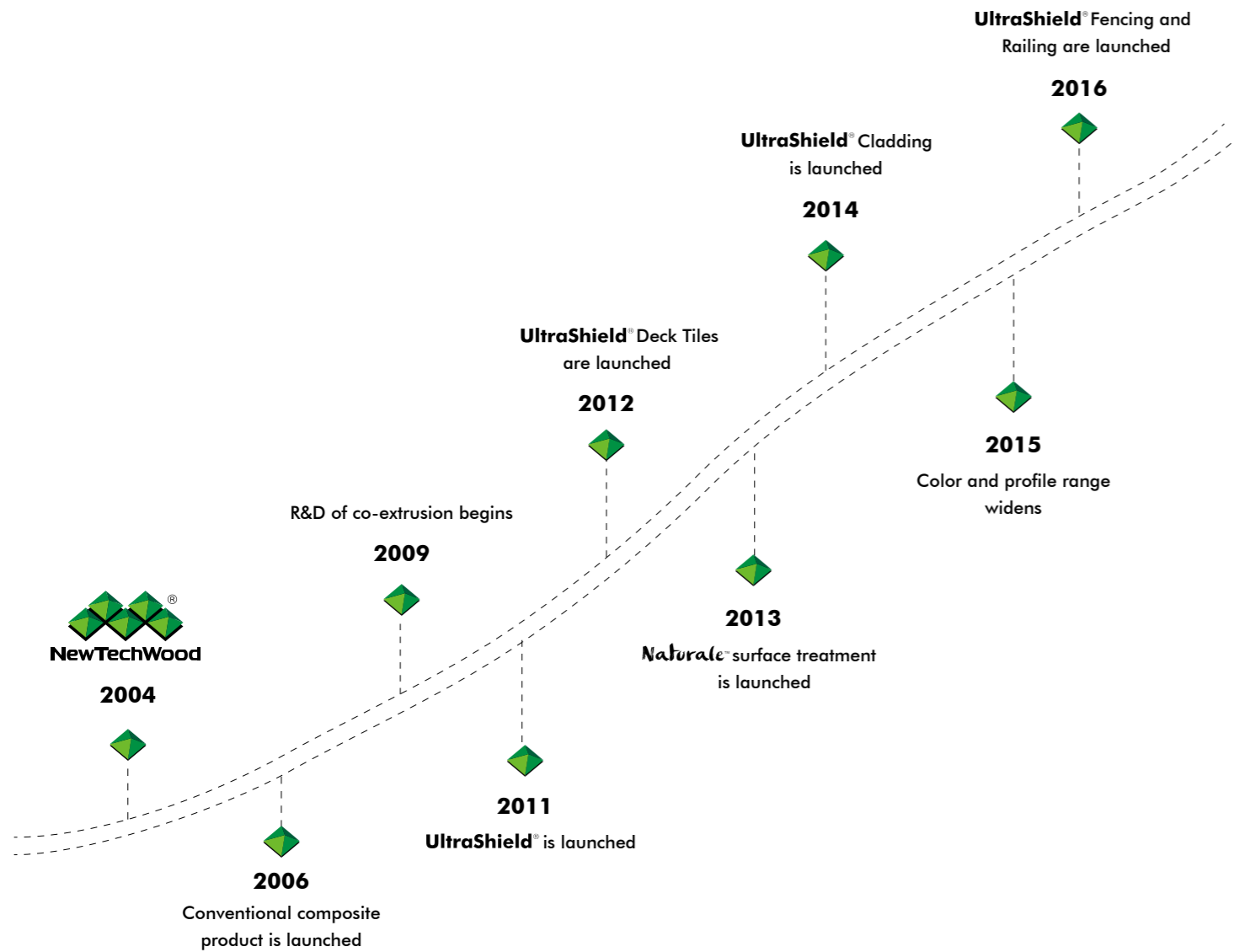
COMPOSITE DECKING, CLADDING, DECK TILES, RAILING AND FENCING



NewTechWood is a pioneer in the development and manufacture of composite decking, railing and site furnishings. Since its early beginnings in 2004, NewTechWood has been on the cutting edge in wood plastic composite technology. NewTechWood develops products that bring beauty and practicality to our outdoor living experience.

The secret to our success is that we listen to our contractors, homebuilders, architects and homeowners, and we provide the material to bring their visions to life. NewTechWood has earned a worldwide reputation for manufacturing of attractive, innovative, and dependable wood plastic composite materials. With rich color variations, from deep chocolate tones to smoky wisps of gray, with natural wood grains, we've got that perfect color for that special project.

NewTechWood is determined to provide its homeowners with unparalleled performance and satisfaction.



NEWTECHWOOD'S TECHNOLOGY

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 great strength and durability, and best of all it's 100% recyclable.



NewTechWood created a patent pending process called **Naturale**™ on its **UltraShield**® capstock that makes the board visually more matte and gives a realistic fibrous texture to the board.



UltraShield® combines the proven strength of high density polyethylene plastic and wood fibers with an outer shell of polymer.

UltraShield® uses an advanced engineering polymer to create a formulation which gives the boards Ultra Protection against:

- × Stains
- × Mildew & Mold
- × Rotting
- × Splitting & Cracking
- × Color Fading



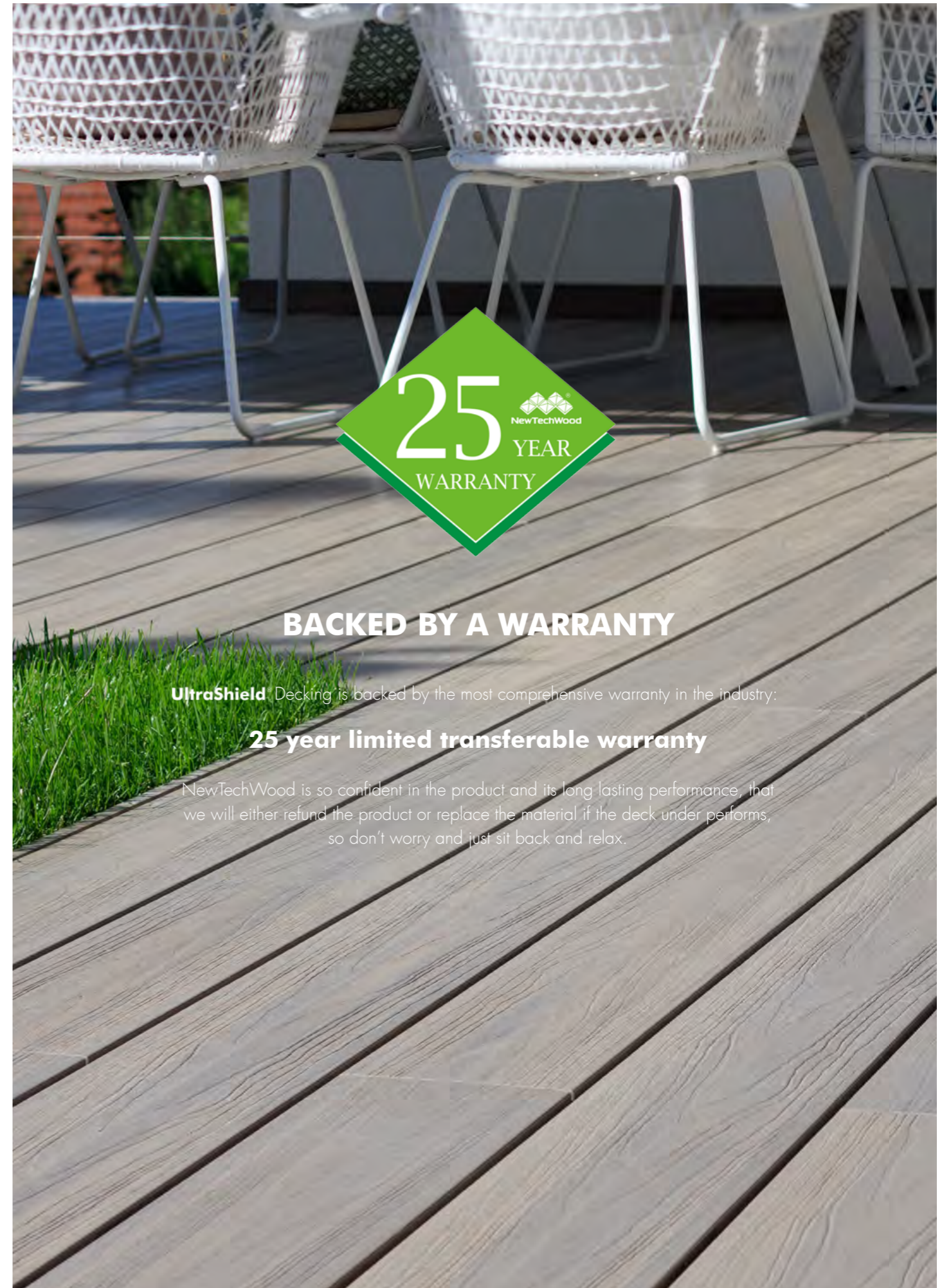


THINKING GREEN

NewTechWood reacted to the growing public concern for environmental sustainability by providing consumers with innovative building materials from a sustainable process. NewTechWood's foundation was built upon the following green principles and values:

- Products are made from 95% recycled materials, including plastic bottles and reclaimed wood fibers
- Yearly third party audits to comply with environmental, health, and safety guidelines and regulations
- Reducing our carbon footprint through waste reduction, energy conservation, and utilizing an optimum process

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 color. It also allows us to manage our material costs for stable pricing, and dependable product availability.



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 either refund the product or replace the material if the deck under performs, so don't worry and just sit back and relax.



UltraShield® Naturale™ Collection

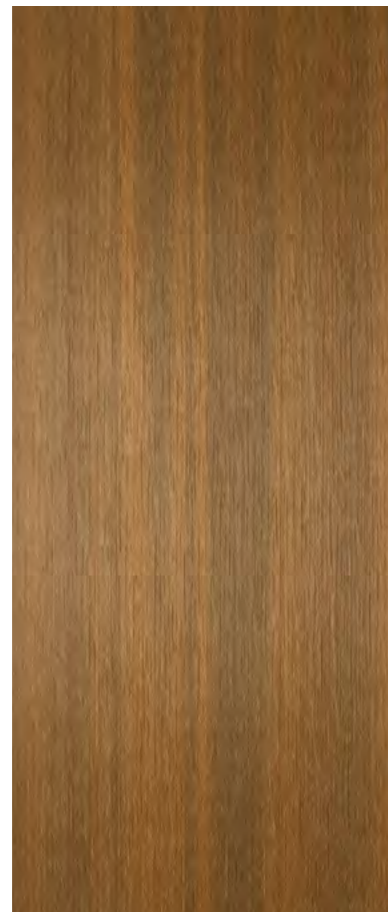
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UltraShield® Naturale™

UltraShield®'s exclusive colors & patterns give you endless possibilities. The latest **Naturale™** line features a unique treatment on the shield to make it the most natural feeling capped wood plastic composite EVER.

- Two Patterns -



FLAT



WOOD GRAIN

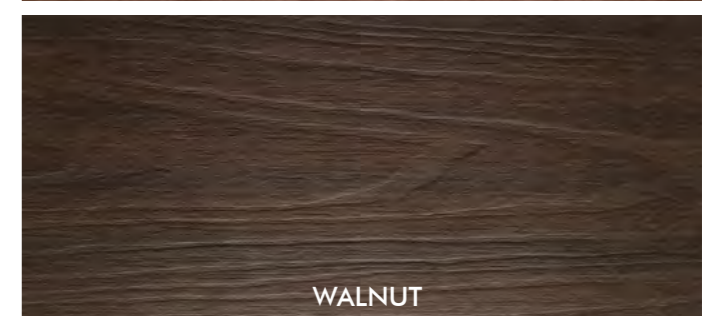
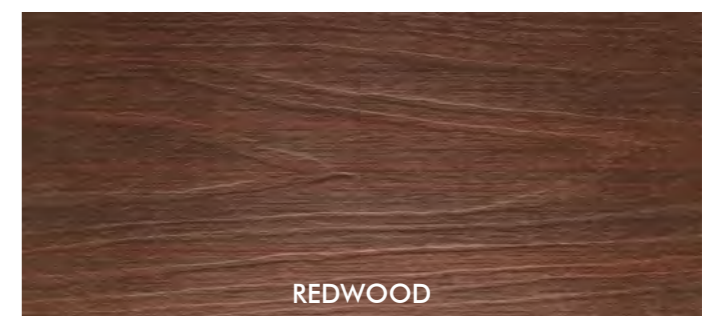
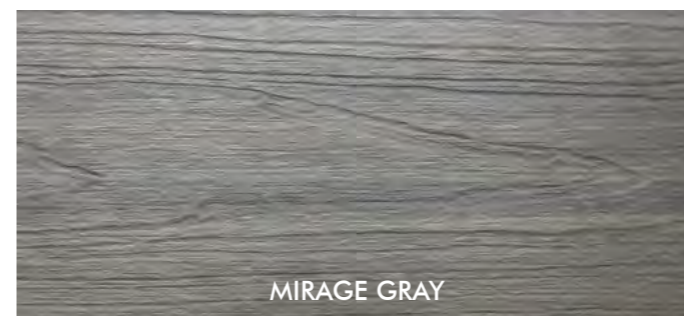
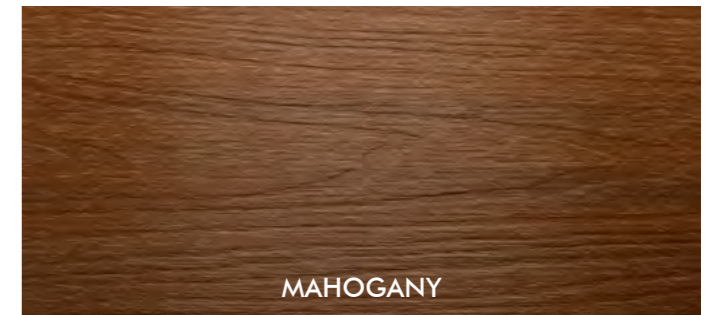
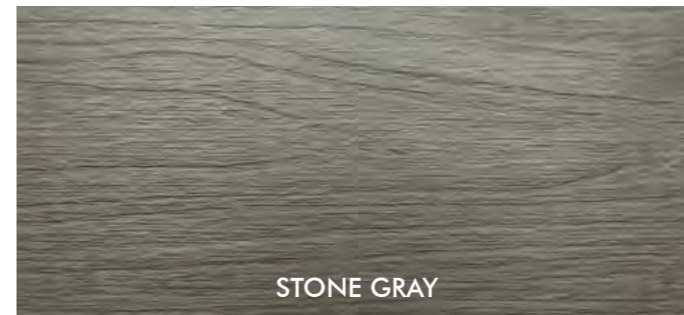
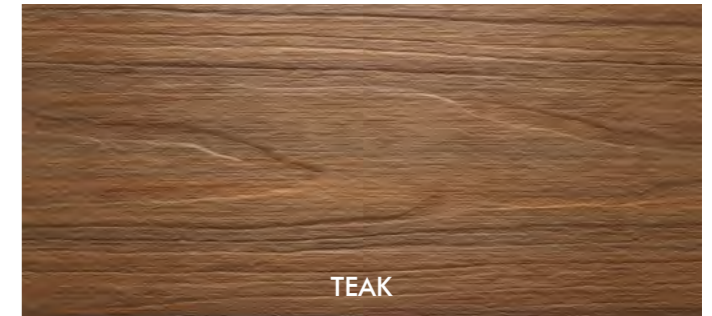
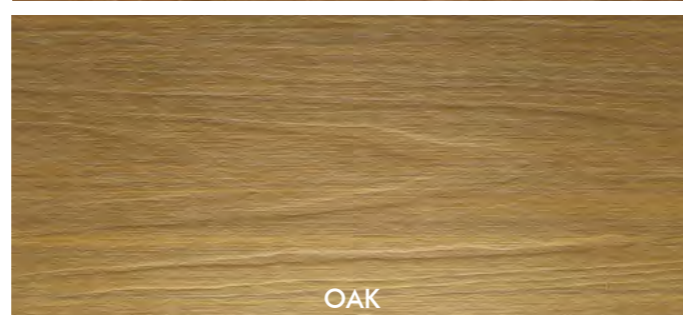
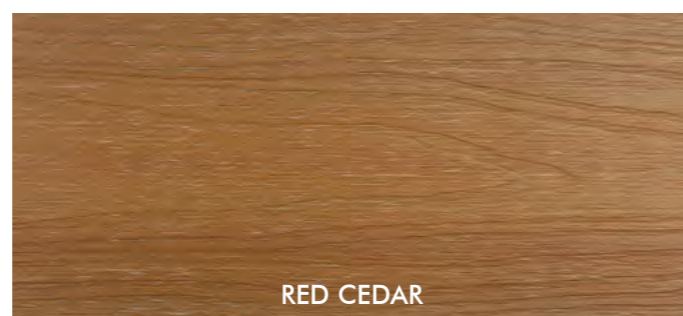
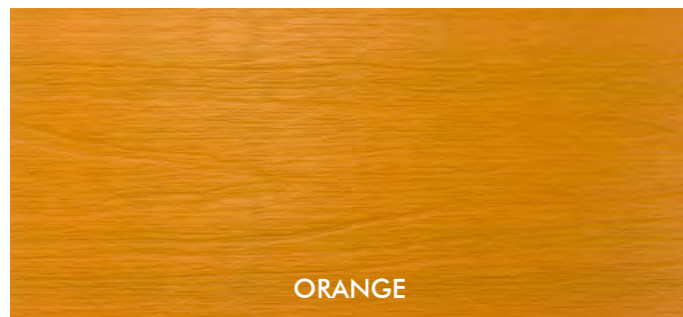


**NATURALLY,
BETTER**

UltraShield® Naturale™

- Twenty Two Colors -

At NewTechWood we know each customer has their own individual style and we exemplify this by offering the largest color range in the industry for them to choose from.





NewTechWood
DECKING

NewTechWood has earned a worldwide reputation for manufacturing attractive, innovative, and dependable wood plastic composite materials. With rich color variations, from deep chocolate tones to smoky wisps of gray, with natural wood grains, we have got that perfect color for your backyard oasis.



UltraShield® *Naturale*™ Antique Decking in South Africa



**BOLD.
GROUND-BREAKING.
ELEGANT.**

DECKING BOARDS

UltraShield® decking comes in solid & hollow profiles for both 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 hidden fasteners.



US01
138 x 22.5 mm (5.5 x 0.9 in)



US07
138 x 22.5 mm (5.5 x 0.9 in)



UH02
138 x 22.5 mm (5.5 x 0.9 in)



UH22
210 x 22.5 mm (8.3 x 0.9 in)

DECKING FINISHERS



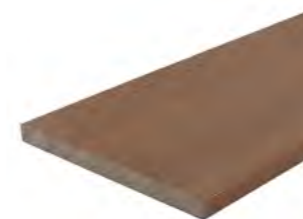
US08
138 x 10 mm (5.5 x 0.4 in)



US06
138 x 15 mm (5.5 x 0.6 in)



US33
138 x 22.5 mm (5.5 x 0.9 in)







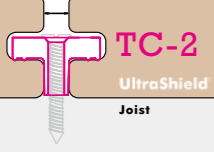
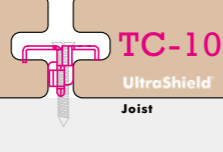
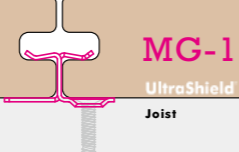
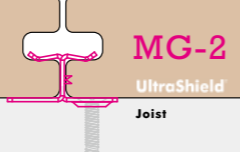
US03
180 x 15 mm (7 x 0.6 in)



US05
285 x 15 mm (11 x 0.6 in)

DECKING ACCESSORIES

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 (Controlled 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.

T CLIP SYSTEM		MINI CLIP SYSTEM	
			
			
TC-2 (CEC Clip)	TC-10 (Locking Clip)	MG-1 (CEC Clip)	MG-2 (Locking Clip)

STARTING CLIP

Starting the first board is a breeze with the MG-3 starting clip. With these starting clips the clip will be completely invisible to the eye while remaining extremely quick and easy to install.



END CAPS

End caps are an easy way to keep a clean finish on ends of the circle hollow deck boards if a fascia board does not need to be fixed.



NewTechWood DeScratch Capped Composite Decking Repair Kit

Best for nail holes, chips, dents, and scratches

Colors: Maple, Teak, Ipe, Walnut, Redwood, Antique, Light Gray, Charcoal, Smoke White,

2 x 10cm Wax Sticks/pack;
Applicator included



NewTechWood Composite Deck #304 Stainless Steel Colored Head Screws

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

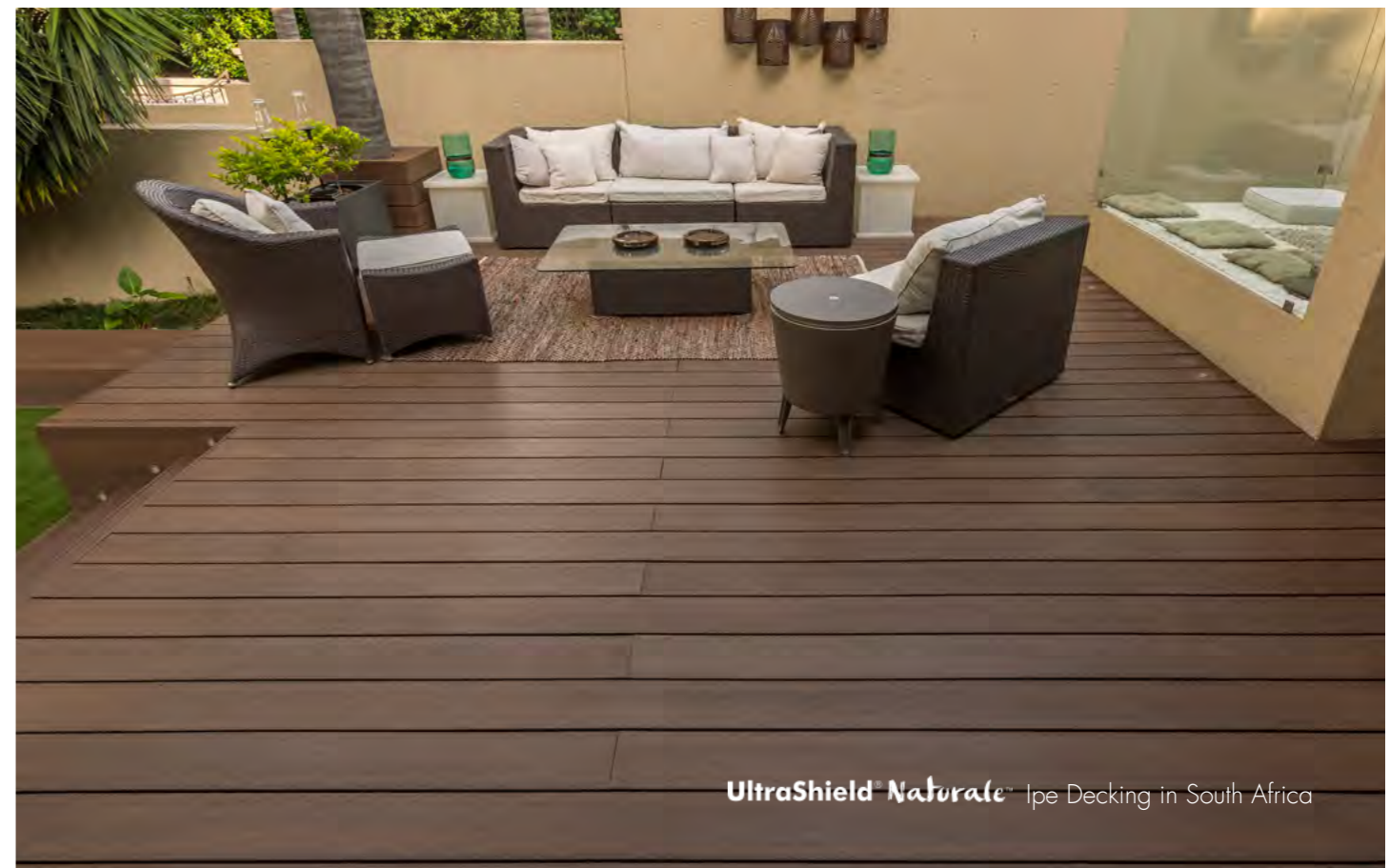
Colors: Teak, Ipe, Walnut, Light Gray, Antique

#8 x 2", 100 screws/pack;
#2 Square drive bit included



NewTechWood Shim

- For leveling uneven surfaces under the joist
- Perfect replacement for conventional joist gapping filler like stone or wood
- Can be used on the ground for decking and also on the wall for cladding & window installations





UltraShield[®] Naturale[™] Ipe Decking in China



UltraShield[®] Naturale[™] Teak Decking in Australia



UltraShield[®] Naturale[™] Light Gray Decking in Poland



NewTechWood
CLADDING

NewTechWood makes wall cladding a breeze by utilizing patent-pending aluminum clip systems to install cladding.

The systems allow for air circulation between the cladding and joists, keeping the inside dry and isolating water from the outside.



UltraShield® Naturale® Light Gray Cladding in Mexico

ALL WEATHER SYSTEM BOARDS

The All Weather System features three stylish types of cladding: Shiplap, Flush, and Shadowline.



SHIPLAP
141 x 13 mm (5.5 x 0.5 in)



FLUSH
142 x 13 mm (5.5 x 0.5 in)



SHADOWLINE
142 x 13 mm (5.5 x 0.5 in)

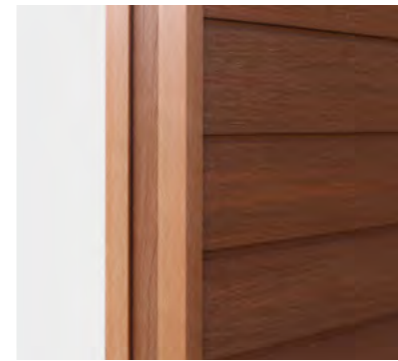


UltraShield Naturale Walnut in Shadowline Cladding in Australia

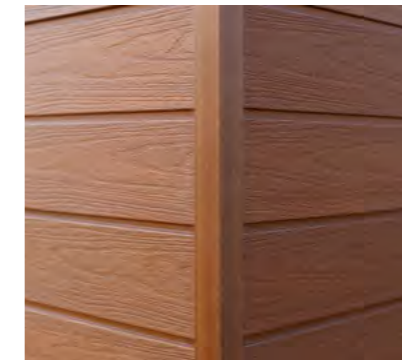
ALL WEATHER SYSTEM FINISHERS

The All Weather System can be finished off with four types of finishing:

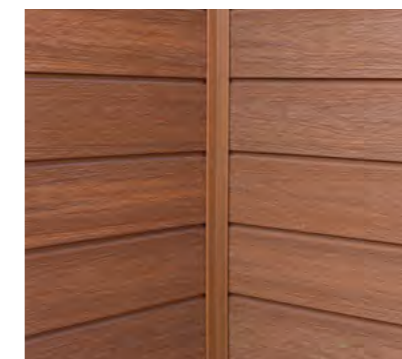
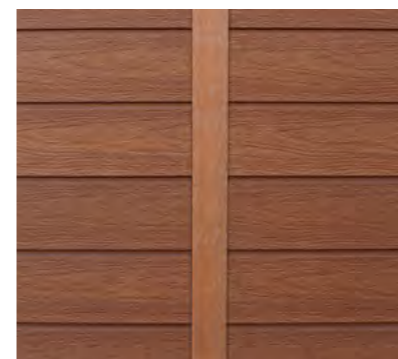
- F Trim - For ends and tops of the cladding
- Outside Corner Trim - For the outside corners
- I Trim - Used to create a seamless gap between two boards
- Inside Corner Trim - For the inside corners



F TRIM
46.2 x 44.2 mm (1.8 x 1.7 in)



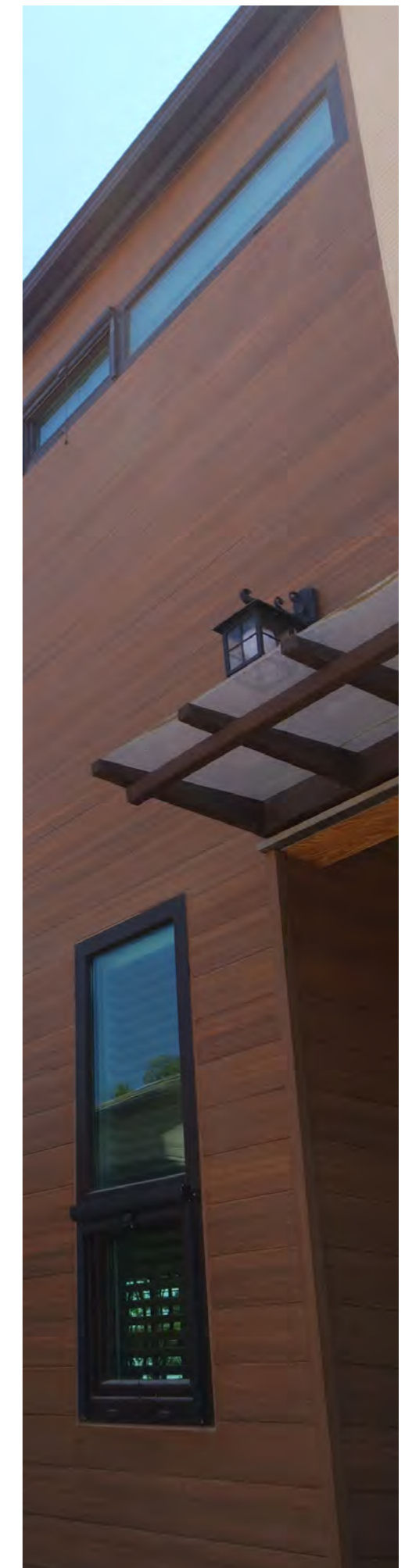
OUTSIDE CORNER TRIM
58.2 x 58.2 mm (2.2 x 2.2 in)

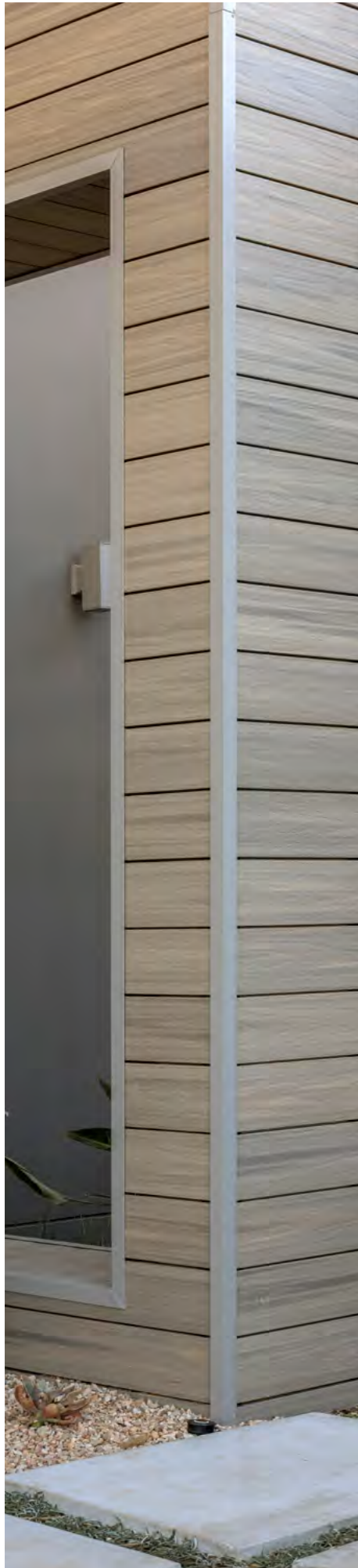


I TRIM
79 x 26.7 mm (3.1 x 1.0 in)



INSIDE CORNER TRIM
71.5 x 71.5 mm (2.8 x 2.8 in)





ALL WEATHER SYSTEM ACCESSORIES

The AW08 cladding clip holds the board perfectly into pre-extruded grooves of the cladding boards.

The cladding clip allows for air circulation between the cladding and joists, keeping the inside dry and isolating water from outside.

The cladding clip also allows for the boards to expand and contract readily. With an addition of a screw, it can be used as a locking clip to control the direction of the expansion and contraction.



PLASTIC PAD
MFG: T-7
Material: Rubber
Size: 18 x 8 mm (0.70 x 0.31 in)



CLADDING CLIP
MFG: AW08
Material: Aluminum
Size: 20 x 15 x 28 mm (0.78 x 0.59 x 1.10 in)



CLADDING STARTER CLIP
MFG: AW02
Material: Aluminum
Size: 15 x 14.5 mm (0.59 x 0.57 in)



**MAGNIFICENTLY.
DURABLE.**

WALL HANGING SYSTEM

- Easy installation with a hidden clip system
- Specially designed clips that allow the composite to expand and contract
- Work with any profile that has a width of 50 mm or above and has a thickness of 12mm or above
- Can be used for horizontal or vertical installations



WH01



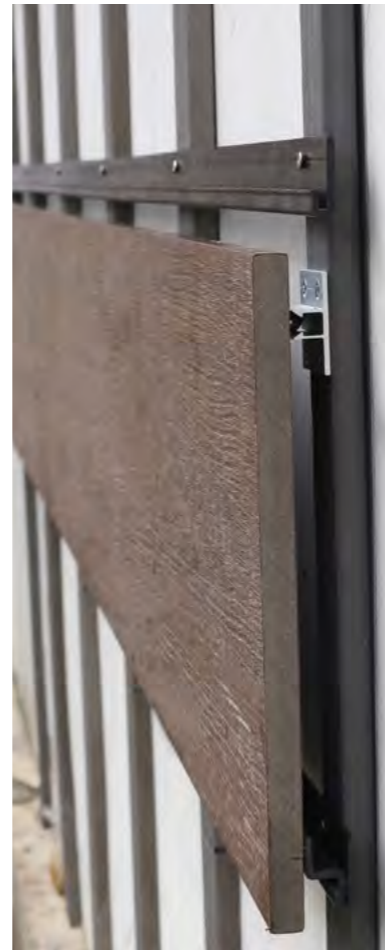
WH02



WH04



WH05



UltraShield® Naturale™ Antique Cladding in South Africa



US17

80 x 15 mm (3.1 x 0.6 in)



US07

138 x 22.5 mm (5.5 x 0.9 in)



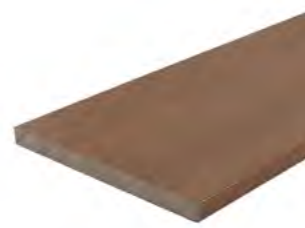
US08

138 x 10 mm (5.5 x 0.4 in)



US06

138 x 15 mm (5.5 x 0.6 in)



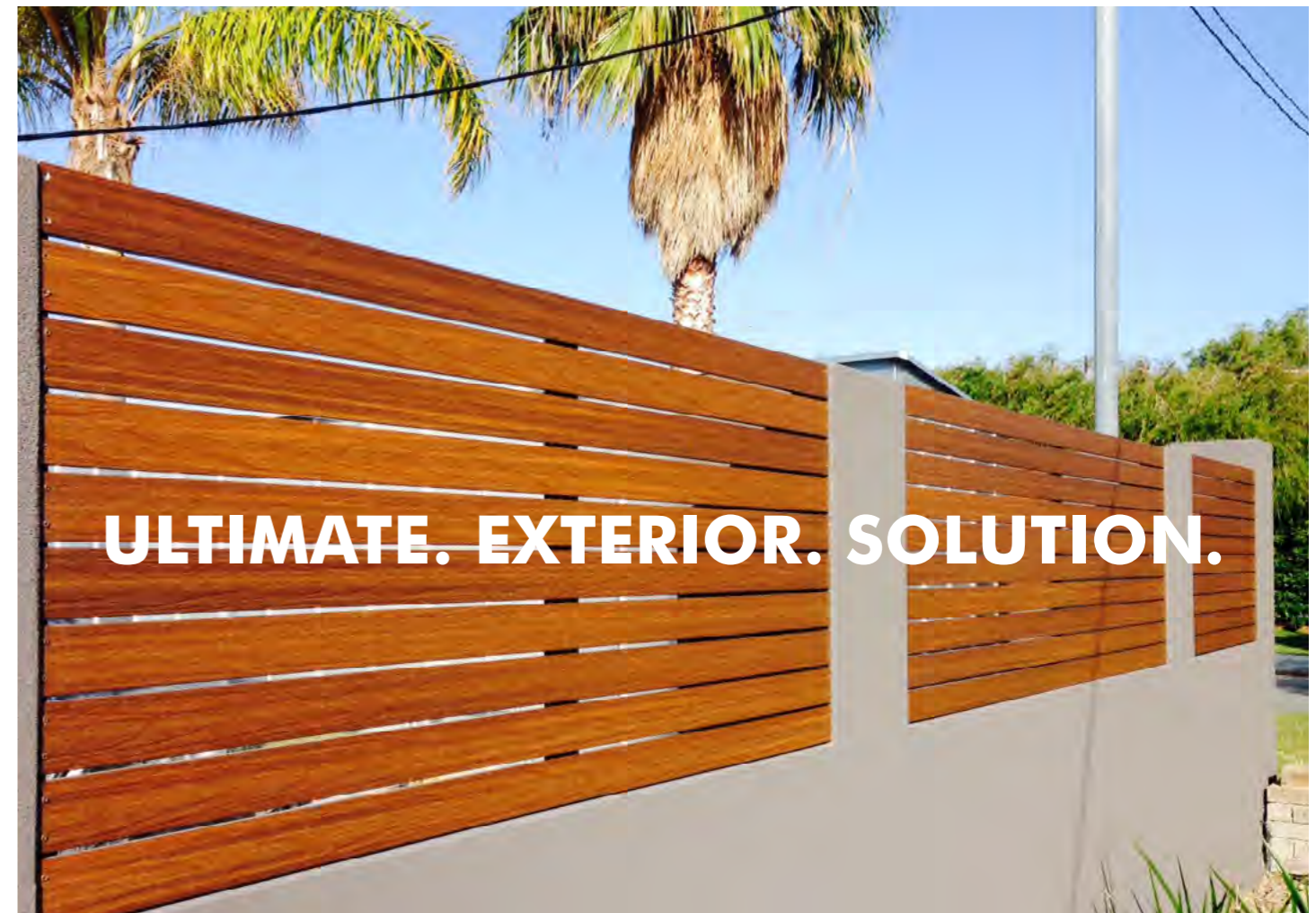
US03

180 x 15 mm (7 x 0.6 in)

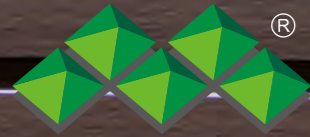


US05

285 x 15 mm (11 x 0.6 in)



ULTIMATE. EXTERIOR. SOLUTION.



NewTechWood

SCREEN & PARTITION



SCREEN & PARTITION BOARDS

UltraShield® screens and partitions are great for a modern look, they create enough room for air flow, but still give enough for privacy.



UH17
60 x 42 mm (2.4 x 1.7 in)



UH25
100 x 52 mm (3.9 x 2 in)



UH26
120 x 62 mm (4.7 x 2.4 in)

SCREEN & PARTITION ACCESSORIES



K-33
Material: #201 Steel
K-33 is used as a connecting mechanism between the joist and the decorative profile

K-33 has an oval hole designed for expansion and contraction. The other hole is used to fix the K-33 to the joist.



EC-UH17
Material: Plastic
EC-UH17 is used at the end of UH17 as a covering for the hollow chambers

EC-UH17 should be attached with a dab of silicon to ensure a secure fit.



NewTechWood

DECK TILE

UltraShield® Deck Tile is a complete DIY solution for that boring concrete balcony, terrace or patio. Change it to the rich colors of exotic hardwoods with just a few clicks.

- **UltraShield®** technology: highly stain resistant and ultra low maintenance
- Color choices: all the **Nature®** colors
- Base: Interlocking TPO polymer matrix base & stainless steel screws
- Flexible locking system: it can be secured from any side
- Quick and easy installation with no tools
- Matching color composite fascias available

SIZES



300 x 300 mm (11.8 x 11.8 in)



600 x 300 mm (23.6 x 11.8 in)



900 x 300 mm (35.4 x 11.8 in)



UltraShield® Nature® Antique Deck Tile in Taiwan

FLEXIBLE LOCKING SYSTEM



Capped Composite Deck Tile Pre-assembled on a Interlocking base



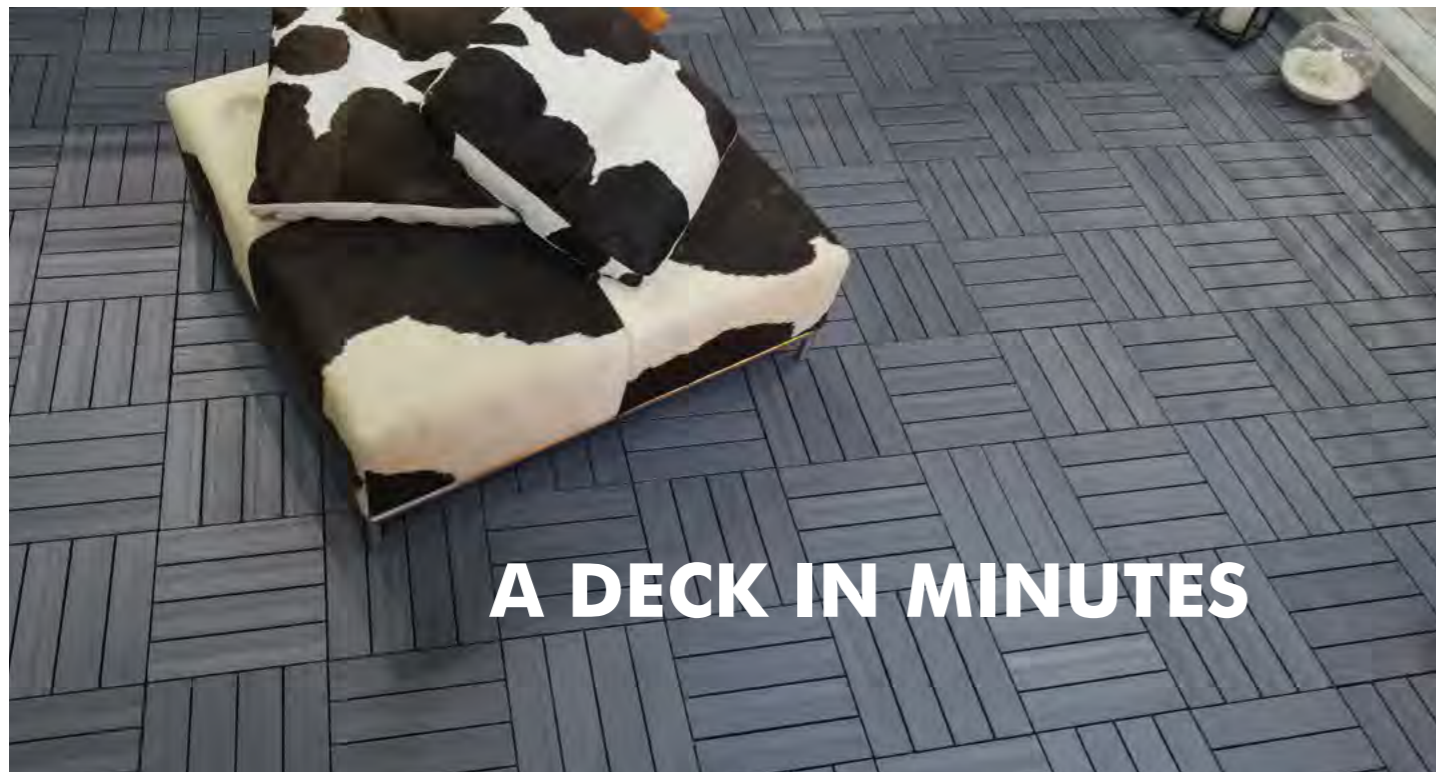
Stainless steel screw for zero corrosion



Striking color with anti-UV additives



Four Sided Interlocking Base



A DECK IN MINUTES

DECK TILE FASCIA AND TRIM

Three types of fascias and trims: Straight, Outside and Inside are available in matching colors to perfectly finish your deck tiles. All fascias come with a ready to install base pre-fixed with stainless steel screws.



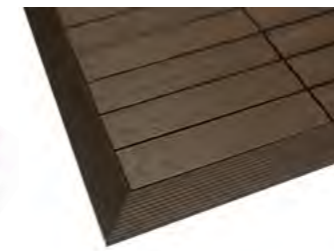
STRAIGHT FASCIA



STRAIGHT TRIM



OUTSIDE CORNER FASCIA



OUTSIDE CORNER TRIM



INSIDE CORNER FASCIA



INSIDE CORNER TRIM





NewTechWood

PLANTER BOX

- Quick & easy to assemble without any tools, screws, or nails. Easy & fun for all family members, great for flowers, vegetables, planters, and sand boxes.
- The boards are made of **UltraShield**® capped composite material: Long lasting colors and ultra low maintenance; No rotting, mildew, mold, and no more painting or harmful chemicals.
- A special perforated sheet keeps the soil and sand in while allowing for water drainage. It also improves growth by supplying oxygen easier through the base of the grid through the perforated sheet.

COLOR OPTIONS



TEAK



CEDAR



WHITE



SIZES



PB_1 x 3
H 245 x L 1095 x W 365 mm



PB_2 x 2
H 245 x L 730 x W 730 mm



PB_2 x 3
H 245 x L 1095 x W 730 mm



PB_3 x 3
H 245 x L 1095 x W 1095 mm





NewTechWood

HYBRID COMPOSITE RAILING



Simple & modern design to complete your decking.

Features:

- **Naturale** technology: all posts & rails are capped 360 degrees with **UltraShield**
- Color choices: Charcoal, Teak, Walnut, and Mirage Gray
- All parts are color coded in the same railing color for the perfect finish
- Quick and easy installation
- Innovative patent-pending bracket system

RAILING COMPONENTS



- | | | | | |
|-----------------------|---------------------------|---------------|----------------------|------------------|
| ① Top Baluster Cap | ④ Foot Block | ⑦ Insert Clip | ⑩ Post Sleeve | ⑬ Female Bracket |
| ② Bottom Baluster Cap | ⑤ Galvanized Steel Insert | ⑧ Bracket | ⑪ Bottom Rail Gasket | ⑭ Metal Skirt |
| ③ Baluster | ⑥ Gasket | ⑨ Metal Cap | ⑫ Male Bracket | ⑮ Post Mount |



UltraShield **Naturale** Teak Railing in Korea



NewTechWood

ULTRAEASY FENCE

The UltraEasy Fencing system is a horizontal tongue and groove fencing system. It utilizes the strength and durability of **UltraShield**® with aluminum posts to help you build a beautiful and hassle free fence.

Mix and match the different color boards for your own unique style.



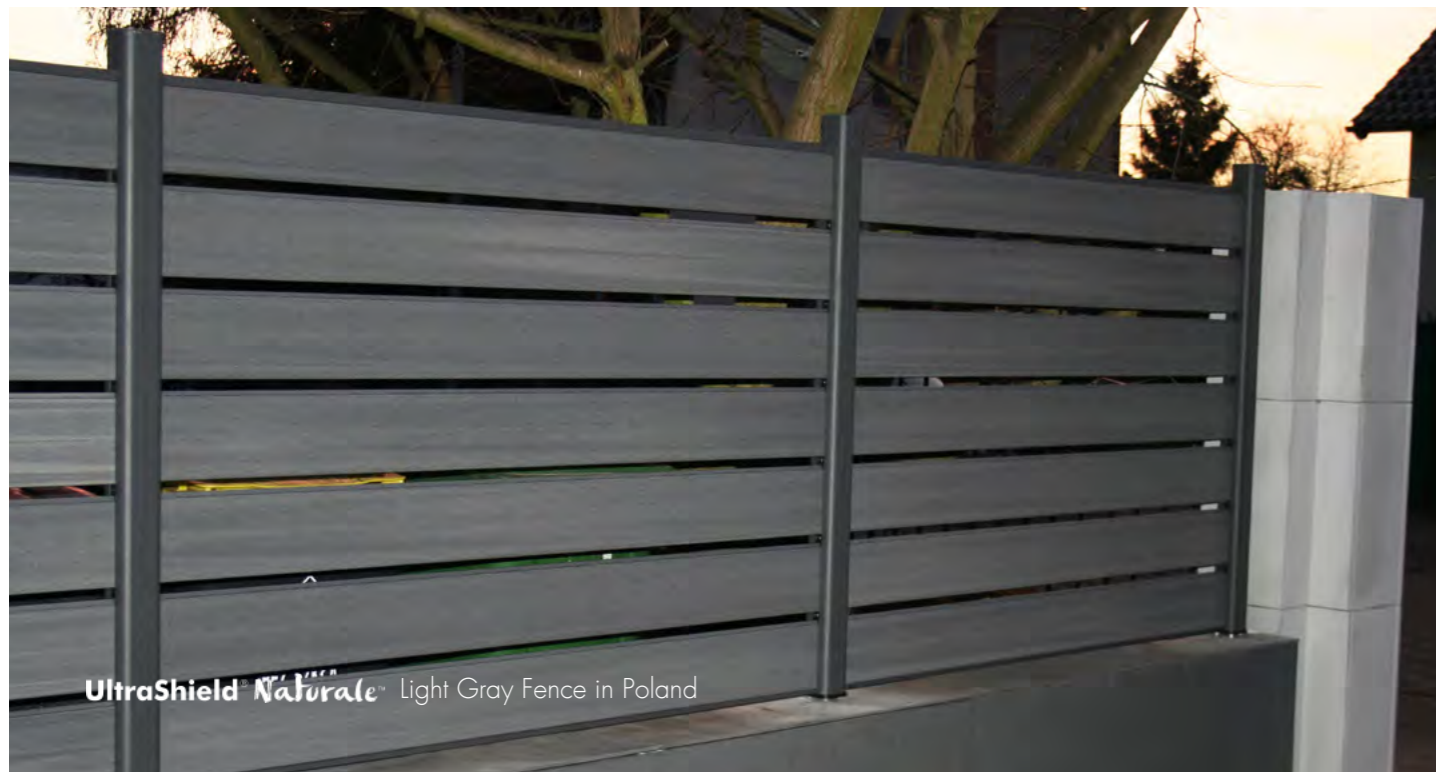
FENCING COMPONENTS



- ① Post Cap
- ② Post Trim
- ③ Ending Aluminium Trim
- ④ Post
- ⑤ Metal Tube
- ⑥ Fencing Board
- ⑦ Starting Aluminium Trim
- ⑧ Anchor Clip

COLOR OPTION

- Fencing Board Colors: Any of the standard colors
- Post Color: Anthracite



UltraShield *Nature* Light Gray Fence in Poland



**SIMPLE.
ATTRACTIVE.**



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UltraShield® Product Catalog.
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