



1. Product Name

- NewTechWood Ultrashield Nature Composite Decking

2. Manufacturer

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3. Product Description

Basic Use

Used for primarily exterior applications, the Ultrashield Nature Composite Decking UltraShield's exclusive colors and patterns give you endless possibilities. The latest Nature line features a unique treatment on the shield to make it a natural-feeling capped wood-plastic composite.

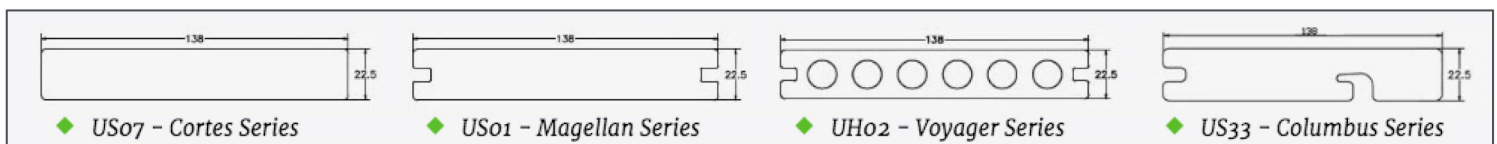
UltraShield composite decking comes in solid and hollow profiles for both commercial and residential applications, with the flexibility to choose between common screws and hidden fasteners. All of them are wrapped 360 degrees, including the grooves. The shield provides protection against moisture, mold, fade and mildew.

Four profiles are available to create any decking design, see illustration 1.

- **US07 Cortes Series:** solid board
- **US01 Magellan Series:** solid board with grooves
- **UH02 Voyager Series:** circle hollow board with grooves
- **US33 Columbus Series:** solid board with groove on one side and underneath side

See Accessories/Options for fasteners.

illustration 1



Composition and Materials

The composite material is comprised of HDPE plastic and hardwood chips. The composite material is encased in a 0.5–0.7 mm plastic shell with UV and stain inhibitors additives to ASTM G154, called Ultrashield, which is a proprietary blend of plastics.

Features and Benefits

- Easier to cut than comparably-sized all-wood planks
- Maintains color/does not need to be stained or maintained
- Ultrashield technology protection

Dimensions

US097, US01, UH02 and US33 board:

W × D × L: 5½ × ¾ inches × 16 feet (138 × 22.5 mm × 4.87 m)

Colors

- Brazilian Ipe
- Spanish Walnut
- Westminster Gray
- Peruvian Teak
- Roman Antique
- Hawaiian Charcoal

Safety Data Sheets

SDS information is available [here](#).

Accessories/Options

- **MGS-50:** Mini Gap System: 75 clips that allow movement and 15 locking clips
- **PCHFS50:** Plastic Clip Hidden Fastener System: 75 clips that allow movement and 15 locking clips
- **SC-25:** Starter System: 25 clips for use on first and last boards and for stairs.

4. Technical Data

Applicable Standards

ASTM International (ASTM)

- **ASTM D7032** Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails
- **ASTM G154** Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials

International Code Council (ICC)

- **ICC-ES AC 174** Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails), approved January 2012, section 3.4, 3.7, 3.9, 3.11 and 4.1



5. Installation

Manufacturer installation instructions are available [here](#).

Installation videos available [here](#).

6. Availability and Cost

Contact manufacturer for availability and pricing.

7. Warranty

A 25-year limited warranty is offered.

8. Maintenance

Clean with soap and water. Can be pressure washed on a low setting.



9. Technical Services

NewTechWood America, Inc. offers telephone support.

10. Filing Systems

- ConstructConnect
- Additional product information is available from the manufacturer upon request ↗

