1. Product Name
   - NewTechWood Ultrashield Naturale Composite Cladding-Siding

2. Manufacturer
   NewTechWood America, Inc.
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   Houston Texas 77346
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3. Product Description
   Basic Use
   Used for interior and exterior applications, the Ultrashield Naturale Composite Cladding-Siding is a solution for a wood-like façade without the maintenance. It can both cover up unsightly areas and accent concrete buildings providing a contemporary look. It can also be used for ceilings and soffits as well as siding.
   The tongued board, US09, is secured with 6063 aluminum clips, which act as the groove in the system. Also available are outside corner trim, inside corner trim, butt joint trim, and end cap trim pieces—all made with the encased composite material, see Accessories/Options for the item numbers and sizes. See images for fastener, fascia and all accessories’ installation examples.

   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.
   The T-7 End Plugs are composed of rubber.

   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
   US09 tongue and groove board:
   Width × depth × length: 5½ × ½ inches × 16 feet.
   (142 × 13 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.

4. Technical Data

Applicable Standards

ASTM International (ASTM)
- 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

Accessories/Options
- AW08: siding clips (90 pieces covers 50 square feet) 0.78 × 0.59 × 1.10 inches (20 × 15 × 28 mm; installed on the joists and used as the connection between each US09 board
- AW02: starter strips (3 feet and 9 feet sizes) 0.59 × 0.57 inch (15 × 14.5 mm); designed to fix the first cladding on the joist
- T-7 Plug: rubber end plugs (50 per bag) 0.70 × 0.31 inch (18 × 8 mm); installed on the joists to support the US09 when installing the last board
- US44: end fascia (8 feet lengths) 1.8 × 1.7 inch (46.2 × 44.2 mm)
- US46: joint fascia (8 feet lengths) 3.1 × 1.0 inch (79 × 26.7 mm)
- US46: outside corner fascia (8 feet lengths) 2.2 × 2.2 inch (58.2 × 58.2 mm)
- US47: inside corner fascia (8 feet lengths) 2.8 × 2.8 inch (71.5 × 71.5 mm)
5. Installation
Manufacturer installation instructions are available here.
Installation videos available here and 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