



# The Next Generation of Fiber Cement Products



**fiber  
cement  
products**



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## fiber cement products

### Premium Fiber Cement Siding Products That Stand The Test Of Time

Fiber cement products from Nichiha, are fast becoming known to builders everywhere as the "Premium Choice" for fiber cement siding. No one can match the quality and beauty of our shake, brick and stone textures. We do this with our technologically advanced manufacturing methods and over four decades of experience in the fiber cement industry.

At Nichiha we are dedicated to bringing high-quality premium fiber cement products to the industry that not only are strikingly attractive, but also offer homeowners an easy-to-maintain siding that will retain its attractiveness for years to come. Backed by one of the industries best warranties, Nichiha fiber cement products are assured to stand the test of time!

### A Proven World Leader In Fiber Cement Technology

Successfully manufacturing fiber cement siding products for over 40 years, the Nichiha Corporation has led the fiber cement industry world-wide with many technological advances in materials development and manufacturing processes. All our fiber cement products are manufactured in our ISO 9001 certified facilities. Our exacting quality control systems and high materials standards lead the way to producing the finest fiber cement products that are unrivaled in performance, quality and beauty.

### Easy To Work With – Easy To Maintain

Nichiha fiber cement panels are as easy to cut and handle as other fiber cement products. It installs easily and quickly, no special tools required. Blending beautifully with a broad spectrum of traditional siding products and siding trim accessories, Nichiha fiber cement products offer a wide array of design solutions for every building style.

Inherent to all fiber cement products is its resistance to rot, fungus and termite infestation and durability to withstand extreme weather conditions, Nichiha fiber cement products either meet or exceed all industry specifications and testing standards.

### A Strategic Branding Program That Sells

Our strategic branding program will continue to leverage our premium fiber cement siding products to the building trade through construction industry publications, newspapers and emerging electronic media outlets. This communications effort will continue to focus on the value-added differences of Nichiha fiber cement products, distinguishing ourselves as the quality product of choice for the discriminating builder.

### A Total Commitment To Our Customers

Our mission at Nichiha is to provide a quality product to the building industry, with 100% dedication and commitment to customer satisfaction. Our six manufacturing facilities, with over 500 million square feet annual capacity, ensure that our products are ready for delivery, when and where you need them. Experienced and knowledgeable about the industry, our highly trained sales and customer service staff are ready to assist you with your future siding project.



Nagoya Plant

# The Warmth & Charm of Shake



## SIERRA Premium Shakes™

- All shake products are factory primed on face, and factory sealed on all six sides
- Four factory-applied coatings (stain) manufactured by Duckback Products, Inc. – with a 12-year warranty\* on finish
- Deep grain shake texture
- Thicker 1/2" panels provide a deeper shadow line and less breakage during installation.
- 8-foot panels mean less cutting & quicker installation
- 30-year transferable limited warranty\*



Factory Primed

WY59000U

### Factory Applied Coatings (Stain)



Mahogany

DB6701U



Redwood

DB6703U



Maple

DB6702U



Cedar

DB6704U

### Product Specifications

<b>Dimensions:</b>	9 inches(h) x 8 feet(l) x 1/2 inch(t) (12mm)
<b>Weight:</b>	17.5 lbs. per panel / 2.92 lbs. per sq. ft.
<b>Coverage:</b>	6 sq. ft. per panel
<b>Exposed Coverage:</b>	5.17 sq. ft. per panel (1-1/4" overlap)
<b>Manufactured Method:</b>	500 PSI pressed – Non-layered
<b>Autoclaved:</b>	Yes
<b>Sealed:</b>	Six-sides sealed
<b>Finish:</b>	Factory Primed or Factory Stained
<b>Packaging:</b>	4 panels per pack (24. sq. ft.)

# The Traditional Beauty of Brick

- Whole house exteriors
- Multi-family and commercial developments
- Signature interior spaces
- Classic rich detailing
- 50-year limited transferable warranty\*

## Product Specifications

**Dimensions:** 18 inches(h) x 6 feet(l)

**Thickness:** 3/4 inch (18mm)

**Weight:** 38.75 lbs. per panel (Newport)  
37.5 lbs. per panel (Vintage)

**Coverage:** 9 sq. ft. per panel

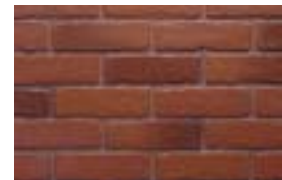


Vintage Brick - Alexandria Red-Buff

## Newport Brick Collection



**Red-Buff**  
Panel: EY97194U  
Corner: JEY97194UK



**Red-Red**  
Panel: EY97195U  
Corner: JEY97195UK



Newport Brick Corner



**Rose-Buff**  
Panel: EY97196U  
Corner: JEY97196UK



**Rose-Red**  
Panel: EY97197U  
Corner: JEY97197UK



Newport Brick - Red-Buff

## Vintage Brick Collection



**White Wash**  
Panel: EY13188  
Corner: JEY13188



**Alexandria Red-Buff**  
Panel: EY26903UA  
Corner: JEY26903K



Vintage Brick Corner

\*See warranty for detailed information on terms, conditions and limitations. Note: Printed material may not accurately depict actual product color.

# The Elegant Design of Sandstone



- *Clean Elegant Appearance*
- *Dramatic Interiors and Exteriors*
- *Residential and Commercial Applications*
- *Subtle Sandstone Texture*
- *50-year limited transferable warranty\**

## Product Specifications

**Dimensions:** 18 inches(h) x 6 feet(l)

**Thickness:** 1 inch (25mm)

**Weight:** 47.5 lbs. per panel

**Coverage:** 9 sq. ft. per panel

## Sandstone Collection



### Gentle Gray

Panel: EY55112U  
Corner: JEY55112K



### Autumn Brown

Panel: EY55113U  
Corner: JEY55113K



# The Time-Honored Look of Stone

- Timeless appearance of weathered, dry-stacked stone
- Appealing deep shadow lines
- Striking accents for both interiors and exteriors
- Trend setting color options
- 50-year limited transferable warranty\*

## Product Specifications

**Dimensions:** 18 inches(h) x 6 feet(l)  
**Thickness:** 3/4 inches (18mm)  
**Weight:** 37.5 lbs. per panel  
**Coverage:** 9 sq. ft. per panel



Brestone - Forest White



Ledgestone - Coral White

## Ledgestone Collection



**Coral White**  
 Panel: EY25137  
 Corner: JEY25137K



**Coral Gray**  
 Panel: EY25138  
 Corner: JEY25138K



**Coral Red**  
 Panel: EY25139  
 Corner: JEY25139K

## Brestone Collection



**Forest White**  
 Panel: EY29149  
 Corner: JEY29149K



**Forest Cream**  
 Panel: EY29150  
 Corner: JEY29150K



**Forest Brown**  
 Panel: EY29151  
 Corner: JEY29151K

\*See warranty for detailed information on terms, conditions and limitations. Note: Printed material may not accurately depict actual product color.

# Fiber Cement Technology - Proven to Endure

Fiber cement panels are resistant to rot, fungus and termite infestation.

Fiber cement panels outperform in extreme weather conditions.

Resists damage from hail and flying debris, and will not crack, rot or delaminate.

Shake panels are able to withstand 110 mile per hour sustainable winds, blind nailed – ASTM E 330.

Manufactured in our ISO 9001 certified manufacturing facilities.

**SIERRA**  
*Premium Shakes*<sup>™</sup>

- Factory sealed on all six sides means virtually no water penetration.
- Factory primed provides a consistent panel surface that will readily accept a paint or factory applied finish.



- Shake panels install easily like other lap siding products.
- Thicker 1/2" panels are extremely durable and will incur less damage from handling.
- Longer 8 foot panels mean less cutting and quicker installation.



## Newport Brick & Vintage Brick, Sandstone, Ledgestone & Brestone

- Resists Moisture Build-up: The unique construction of Nichiha fiber cement panels creates a pocket of air between the panel and substrate that reduces moisture build-up, minimizing moisture damage to substrate.
- All panels are ship-lapped on all four sides for a tight fit.



- Install and level starter strip at least 6" above grade or per local building codes.
- Place first panel into starter strip and level.
- Panels are easily cut for placement around windows, doors and eaves.
- Secure panel at studs with clip. Clips can be nailed or screwed into place.
- No special tools required for installation.



# Sierra Premium™ Shake

30-year limited warranty

ASTM Standard	Test Performance	Test Result
ASTM C-1185	Wet Flexural Strength	Avg. 1450 psi
ASTM C-1185	Moisture Movement	Linear Change (%): 0.098
ASTM C-1185	Water Tightness	No water droplets were observed on any specimen.
ASTM C-1185	Freeze-Thaw	No damage or defects were observed.
ASTM C-1185	Warm Water	No evidence of cracking, delamination, swelling, or other defects were observed. R=0.98
ASTM C-1185	Heat-Rain	No crazing, cracking, or other deleterious effects, surface or joint changes were observed in any specimen.
ASTM E-228	Mean Coefficient of Linear Thermal Expansion	Avg. $3.55 \times 10^{-6}$ in/in F
ASTM E-84	Surface Burning	Flame Spread: 0 Smoke Developed: 0
ASTM E-330	Wind Load	Positive: Avg. 147.68 psf Negative: Avg. 156.98 psf

**Duckback Products, Inc.**

\*For warranty information contact: Duckback Products, Inc. - Chico, CA 95927 • 800-825-5382 • www.superdeck.com

12-year limited warranty on factory stain finish\*

# Brick and Stone Panels

50-year limited warranty

ASTM Standard	Test Performance	Test Result
ASTM C-1185	Linear Variation with Change in Moisture Content	M.D.: -0.006 in./ft. C.D.: 0.003 in./ft.
ASTM C-1185	Wet Flexural Strength	Avg. 1155.51 psi
ASTM C-1185	Water Tightness	No water droplets were observed on any specimen.
ASTM C-1185	Freeze-Thaw	No damage or defects were observed.
ASTM C-1185	Warm Water	No evidence of cracking, delamination, swelling, or other defects were observed.
ASTM C-1185	Heat-Rain	No crazing, cracking, or other deleterious effects, surface or joint changes were observed in any specimen.
ASTM E-228	Mean Coefficient of Linear Thermal Expansion	Avg. $3.18 \times 10^{-6}$ in/in F
ASTM E-84	Surface Burning	Flame Spread: 0 Smoke Developed: 5
ASTM E-330	Wind Load	Positive: Avg. 148.03 psf Negative: Avg. 120.29 psf
ASTM E-331	Water Penetration	No water leakage was observed into wall cavity.
ASTM G-23	Weather Resistant	No cracking, checking, crazing, erosion, or other detrimental effects were observed.
ASTM C-518	Steady-State Heat Flux and Thermal Transmission Properties Test	The test results show Nichiha Fiber Cement Panels to have a thermal resistance or R Value of 1.23 F.
ASTM E-119	Fire Resistant	The walls successfully endured a 60-minute fire exposure without developing excessive unexposed surface temperature or allowing flaming on the unexposed side of the assembly.

Product Certifications:



Report No. 2017



Report No. 99-43



Report No. 5915

For a copy of these reports or other technical information please visit our web-site [www.NICHIHA.com](http://www.NICHIHA.com) or call or write our Technical Services Manager.

For more information on Nichiha Fiber Cement Products, visit our web site or call:

[www.NICHIHA.com](http://www.NICHIHA.com)

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