

FOUNDRY SPECIALTY VINYL SIDING
FOUNDRY

Foundry Staggered Shake

SKU: FOUNDRY-STAG

GAUGE

34 pcs/carton — 7" | 23 pcs/
carton — 10"

WARRANTY

Lifetime Limited Warranty
(residential) | 50-Year
(commercial)

COLOURS

30 available

PROFILES

STAG — 7" & 10" Staggered
Shake

Foundry Staggered Shake is vinyl shake siding that makes a bold statement. Its rough-sawn profile and staggered butt edges create deep, dramatic shadow lines — delivering the rugged, rustic character of hand-split cedar without the upkeep. Available in 7" and 10" widths, both covering a full square per carton, in 30 colours. Certified to ICC-ES ESR-1728 and ASTM D3679, wind-rated beyond 170 mph, and backed by a Lifetime Limited Warranty for residential installations.

Key Features

- Rough-sawn profile with staggered butt edges — bold rustic depth and drama
- 30 colours available
- Wind load resistance exceeds 170 mph (ASTM D5206)
- ICC-ES ESR-1728 certified
- Florida Building Code and Texas Department of Insurance approved
- 50-Year Warranty (commercial)
- Two profile widths: 7" and 10" — both cover 100 sq. ft. per carton
- Vinyl construction — no painting, staining, or caulking required
- ASTM E84 Class 1 (A) fire rating — Flame Spread Index <25
- Vinyl Siding Institute (VSI) certified to ASTM D3679
- Lifetime Limited Warranty (residential)

Available Colours

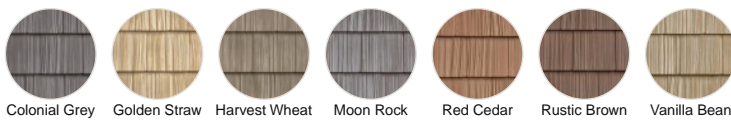
STANDARD

23 colours



WEATHERED

7 colours



Profiles & Specifications

STAG-7

7" Staggered Shake

Deep texture is the hallmark of Foundry Cedar Shake siding. With the look of hand-split cedar, its random grooves and grain demonstrate extraordinary authenticity. For bold texture, Foundry Staggered Shakes offer a rough-sawn appearance that gives a home a more rustic quality.



Length	60.75" (1.54 m) per panel
Height / Width	7" exposure (17.78 cm)
Panels / Box	34 pcs/carton
Coverage	100 sq. ft. (9.29 m ²) per carton — 1 square
Installation	Horizontal — full facade or accent zones

STAG-10

10" Staggered Shake

The 10" Staggered Shake delivers an even bolder rustic statement with a wider exposure. Its rough-sawn profile and staggered butt edges create deep shadow lines and dramatic texture across any facade, making it an ideal choice for full exterior cladding or bold accent applications.



Length	62.5" (1.59 m) per panel
Height / Width	10" exposure (25.4 cm)
Panels / Box	23 pcs/carton
Coverage	100 sq. ft. (9.29 m ²) per carton — 1 square
Installation	Horizontal — full facade or accent zones

Certifications & Testing Standards

Foundry Staggered Shake meets or exceeds the following Canadian and international performance standards.

<ul style="list-style-type: none"> • ICC-ES ESR-1728 — International Code Council Evaluation Service
<ul style="list-style-type: none"> • Vinyl Siding Institute (VSI) — certified to ASTM D3679 Standard Specification for Rigid PVC Exterior Siding
<ul style="list-style-type: none"> • ASTM D5206 — Wind load resistance exceeds 170 mph for Shake profiles
<ul style="list-style-type: none"> • ASTM E84 — Class 1 (A) Fire Rating Flame Spread Index: <25 Smoke Developed Index: <450
<ul style="list-style-type: none"> • NFPA 268 — Radiant Heat / Ignition Resistance: meets requirements of IBC Section 1406
<ul style="list-style-type: none"> • Florida Building Code — Siding Panels Report #FL 20403-R2
<ul style="list-style-type: none"> • Texas Department of Insurance — 2006 IBC-IRC product evaluation
<ul style="list-style-type: none"> • Lifetime Limited Warranty (residential) 50-Year Warranty (commercial/institutional)

Compatible Accessories

3/4" J-Channel

105.5" (2.68 m) per piece — 20 pcs/carton | 176 lin. ft. (53.6 m) per carton

Used around windows, doors, and all perimeter edges where a 3/4" channel is required. Length: 105.5" (2.68 m) per piece | 20 pieces per carton | 176 lin. ft. (53.6 m) per carton.

1" J-Channel

105.5" (2.68 m) per piece — 20 pcs/carton | 176 lin. ft. (53.6 m) per carton

Used around windows, doors, and all perimeter edges where a 1" channel is required. Length: 105.5" (2.68 m) per piece | 20 pieces per carton | 176 lin. ft. (53.6 m) per carton.

Installation Guide

- 1 Preparation: apply a flat, level wall surface and a weather-resistant barrier (house wrap) over all sheathing prior to installation — consult local building code. Install window flashing per ASTM E2112: underside first, then sides, then top, extending past nail flanges of accessories. Sheathing must be minimum 7/16" (11 mm) OSB or 15/32" plywood. Inspect framing to ensure structural soundness.
- 2 Fastener requirements: use corrosion-resistant nails with minimum 3/8" (9.5 mm) head diameter and 0.120" (3 mm) shank, long enough to penetrate minimum 3/4" (19 mm) beyond the solid substrate. Nail panels every 10" (254 mm) in the centre of nailing slots. Drive fasteners straight and level — never tightly against the nail hem; allow approx. 1/32" clearance so panels can move freely. Do not face-nail.
- 3 Expansion clearances: leave minimum 1/8" clearance at all openings and terminations for thermal expansion/contraction. In temperatures below 40°F (4.4°C), increase minimum clearance to 1/4" (6.35 mm). When lapping panels, leave 1/4" gap at the nailing hem. Space each starter strip at least 1/4" from the next. Trimmed pieces must be at least 6" long and nailed every 10".
- 4 Shake installation — first course: install on the lower left side of the wall, locked securely into the starter strip. Fasten every 10" in the centre of nailing slots. Succeeding courses: insert the butt edge into the top lock of the previously installed course; lock must be fully engaged and panels must not be under tension or compression. Keyways between individual shakes must NOT align with the panel below. Recommended stagger pattern: 1st course = full panel; 2nd = remove 1.5 shakes from left; 3rd = remove 3 shakes; 4th = remove 4.5 shakes; check horizontal alignment every 5th course.
- 5 Cutting and trimming: cut panels with snips or a circular saw with a vinyl-grade fine-tooth blade installed in the reverse direction. Trimmed pieces must be at least 6" long and secured with minimum 2 nails at every 10". Use a snap lock punch to create locking tabs on cut panels when installing utility trim under windows or soffits. For turret or curved applications: cut v-notches in the return leg at the butt hem; warm panels to 75°F or higher (use a heat gun in cold weather) to aid flexibility.
- 6 Care & maintenance: Foundry Staggered Shake is a vinyl product requiring no painting, caulking, or staining. Clean periodically with mild soap and water and a soft cloth or low-pressure wash. Avoid abrasive cleaners, steel wool, or high-pressure washing. Do not expose to direct heat sources such as barbecue grills.



FOUNDRY

Ready to order?

Submit your spec list and we'll respond with pricing and availability - usually within one business day.

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