



ABSOLUTE COLOR TECHNOLOGY

Natural cedar looks great because of color variance

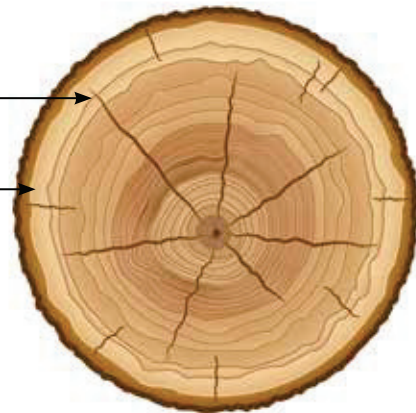


Tree rings consists of thin, dark rings and wide, light rings

Thin, dark rings = Late wood (winter growth)

Wide, light rings = Early wood (summer growth)

Grayne Engineered Shake and Shingle's color palette provides color variance just like natural cedar, offering distinct color differences between early wood and late wood.

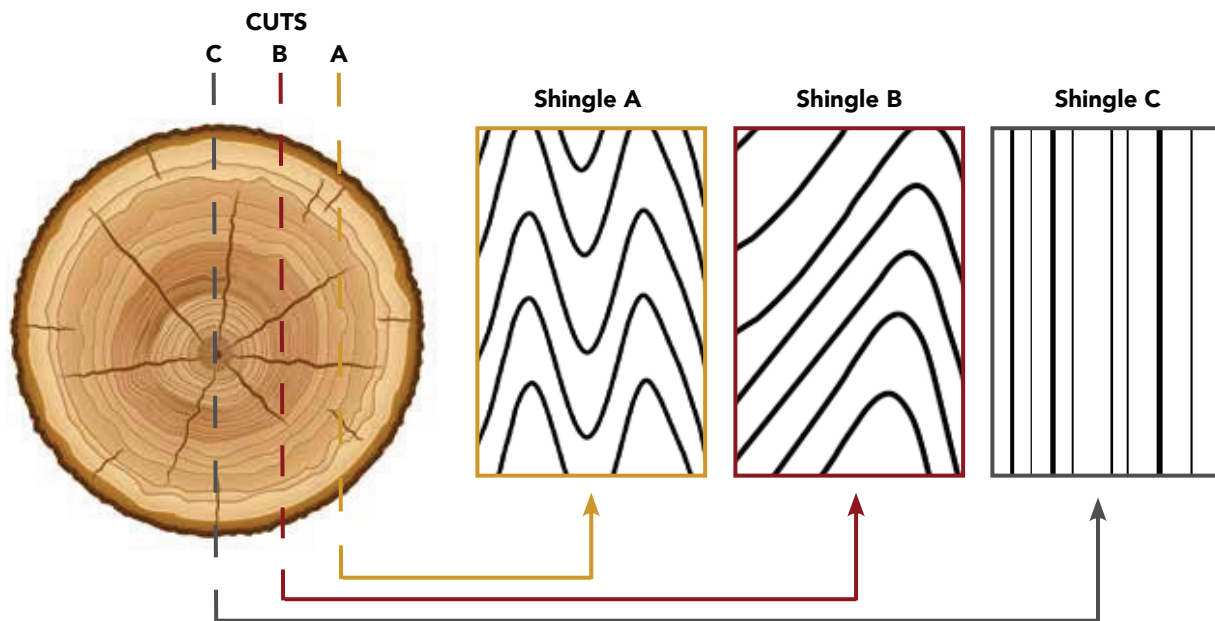


Equation for Natural Cedar Replacement

Absolute Color Technology + Dimensionally Stable Wood Grain + Multi Angle View Texture + Authentic Keyways + Dual Offset Installation Method = Ultimate Natural Cedar Replacement

DIMENSIONALLY STABLE WOOD GRAIN

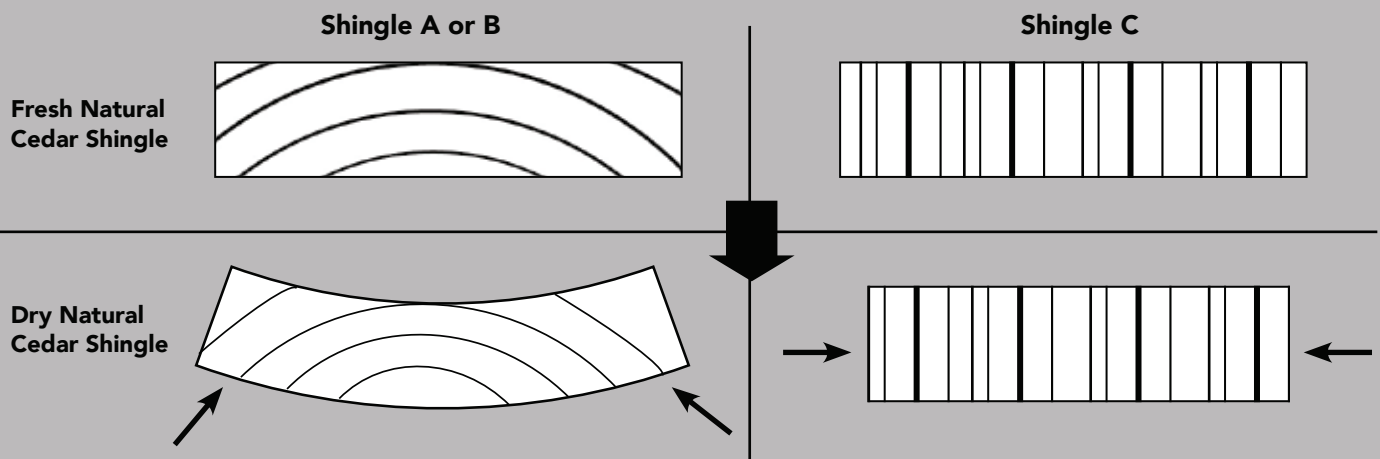
5" Plain Sawn Shingle offers the plain sawn look without cupping or curling



Grayne Engineered Shake and Shingle is designed after shingles which were made using the plain sawn cut. In this technique, all of the saw cuts are parallel in one direction, resulting in a variety of wood grain patterns.

In natural cedar, the plain sawn cut is not dimensionally stable due to wood performance

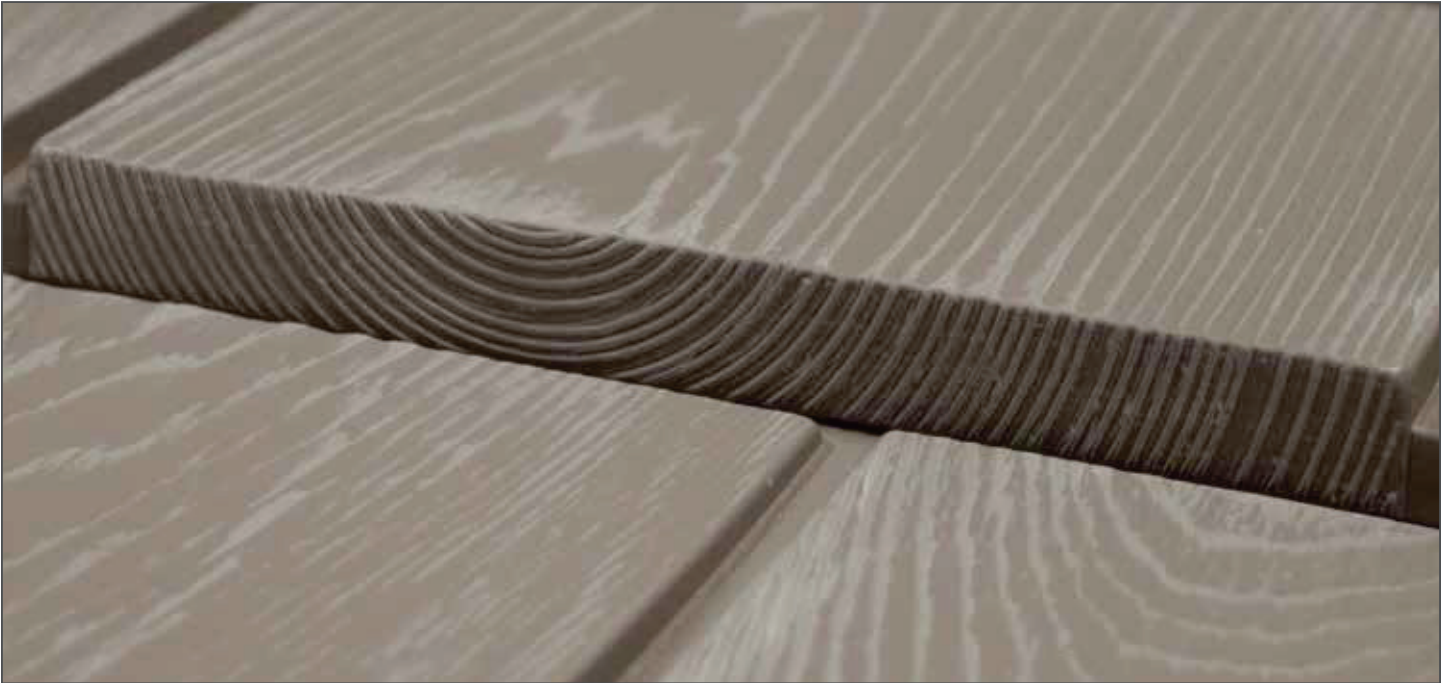
Wood expands and contracts with water absorption. New shingles have a high moisture content, and dry out over time. When the moisture content lowers, the panel will contract, resulting in cupping and curling.



Grayne Engineered Shake and Shingle one piece panel design provides permanent straight clean lines, and the corners will never curl. This is the appearance you want from shingle cladding.

MULTI ANGLE VIEW TEXTURE

Texture is visible from every angle



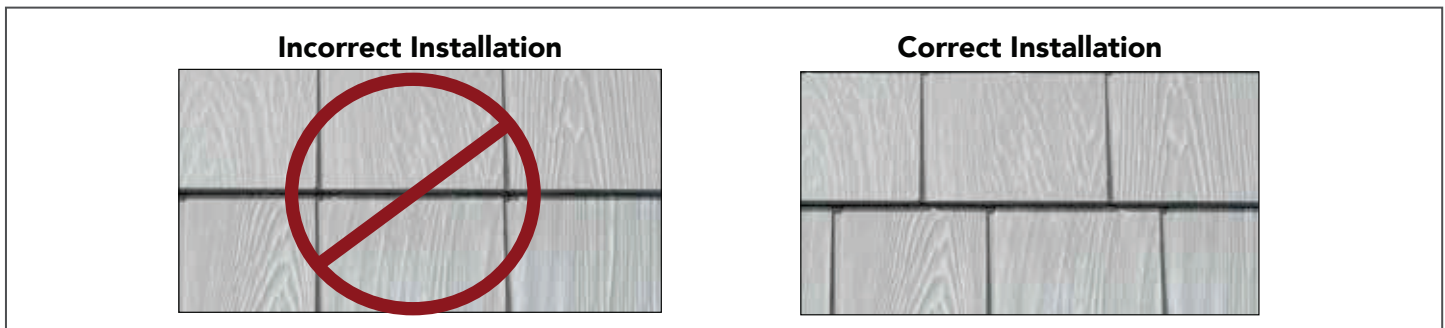
AUTHENTIC KEYWAYS

Deep keyways create pronounced shadows

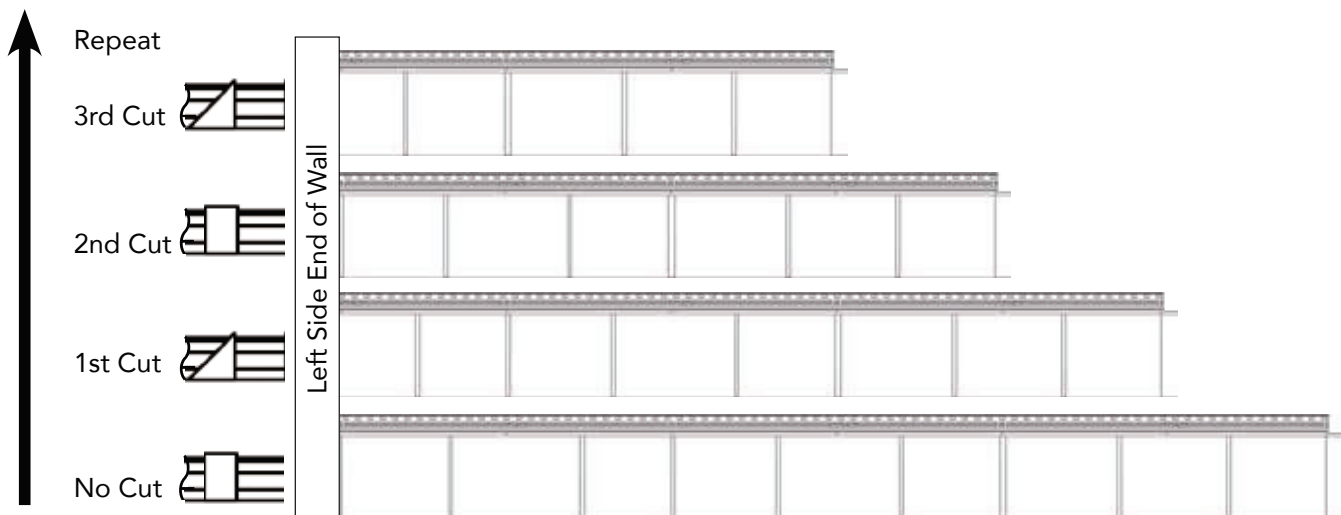


DUAL OFFSET INSTALLATION METHOD

Dual offset installation method ensures shingles will have proper "side laps"



Every nail hem has two cut marks, squares and triangles, to assist with installation. Alternate cutting between squares and triangles for the first course on the wall.



Technical Information

Spacing Between Lapped Panels: 1/8"

Fastening Procedure: Do not drive the head of the fastener tightly against the nail hem, allow clearance between the fastener head and the siding nail hem

Fastener Spacing: Nail the panel every 10"

Fastener Requirements: 3/8" head roofing nail, 0.120" dia. shank must penetrate 3/4" through the substrate

How to Engage Panels: 1) Align panels 2) Push upward to fully engage 3) Let top panel rest on panel below

Class 1A Fire Rating

Exceeds FBC and TDI Windload Requirements