



Composite Roof Tiles Specification Guide

Architectural Standard





Design & Build With BRAVA

The best material decisions are the ones that never have to be revisited. BRAVA composite roofing gives architects, specifiers, and builders a product that meets the technical demands of the specification while delivering the aesthetic precision that elevates a project.

Tested to the highest industry standards, BRAVA is built to perform from the drawing board through the life of the structure.



Built for Designers & Builders

Performance Proven. Independently Verified.

Specification confidence begins with independent verification. BRAVA carries ICC-ES Evaluation Report ESR-4756 confirming compliance with the International Building Code and IRC, a Class A fire rating meeting Wildland-Urban Interface requirements, and a Class 4 Impact Rating covering hail and severe weather performance. Regional approvals for California, Florida, and the City of Los Angeles with Title 24 & Title 31 extend that confidence across the most code-demanding markets in North America.

Authentic Appearance With Low Maintenance

BRAVA roof tiles offer the authentic look of natural cedar shake, slate, and Spanish barrel tile without the need for sealing, staining, or periodic treatment, that traditional roofing materials demand over time.

Extended Lifecycle

BRAVA's composite construction is formulated to resist the conditions that shorten the lifespan of natural materials, delivering consistent integrity across decades, not years.

Backed by a Limited Lifetime Warranty

BRAVA's limited lifetime warranty is our commitment to the specification. Transferable and comprehensively documented, it gives architects assurance needed to support building with BRAVA.

High Wind Resistance for HVHZ

Rated up to 188 mph with nail installation and 211 mph with screw installation — among the highest wind resistance ratings available for residential and commercial roofing.

Impact Resistance

BRAVA's technical resources for architects and specifiers include CAD drawings, BIM objects, and CSI specifications to support projects from design to build, supporting all aspects of your projects.

Coastal Performance. Engineered to Endure.

BRAVA's code approvals, including Miami-Dade apply across all three profiles. Every credential is independently verified and fully documented to support the specification process from submission through final inspection.



Color For Life



Chemical or dye-based colorants get broken down by the sun over time and they degrade as you see in old comic books or photographs.



Pure mineral pigments keep a 3,000 year old wall colorful and paintings that are hundreds of years old remain bright.



BRAVA tiles are made with pure mineral pigments found in nature – colorants that can last for centuries.



Signature Residential Architecture

Featured in BRAVA Cedar Shake



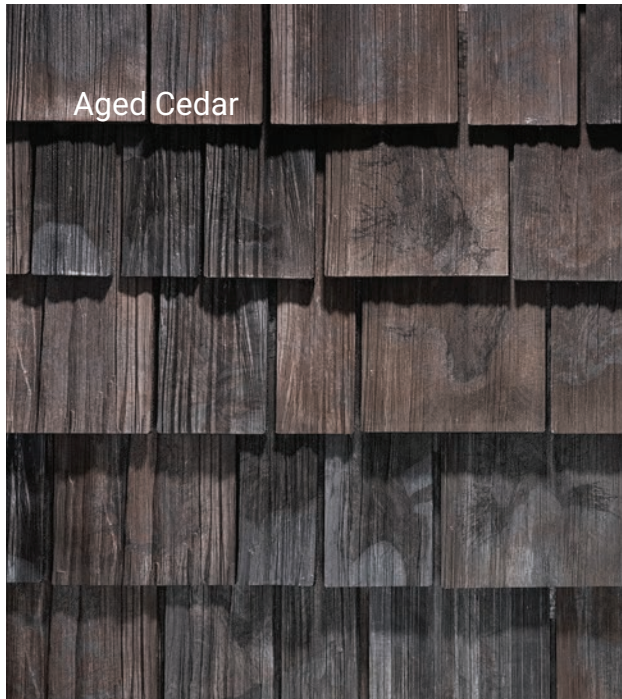
Lightweight

BRAVA materials are lightweight enough to be installed on homes without any structural reinforcement.

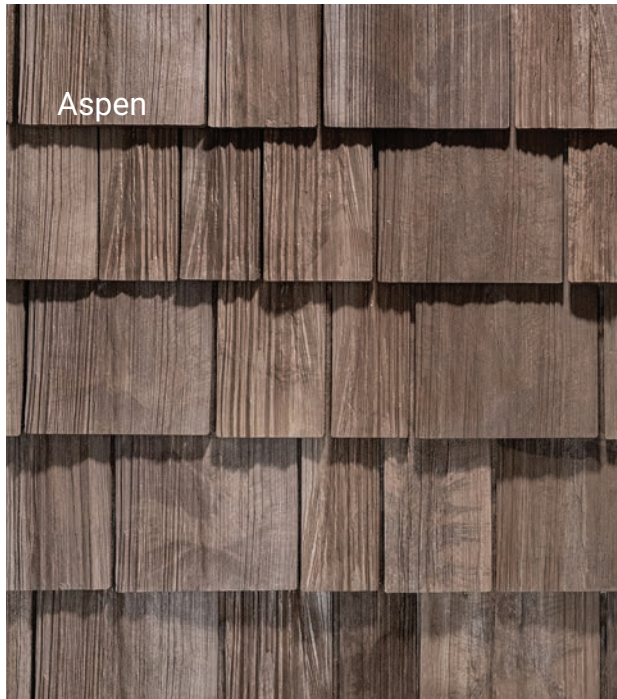




Cedar Shake: Natural



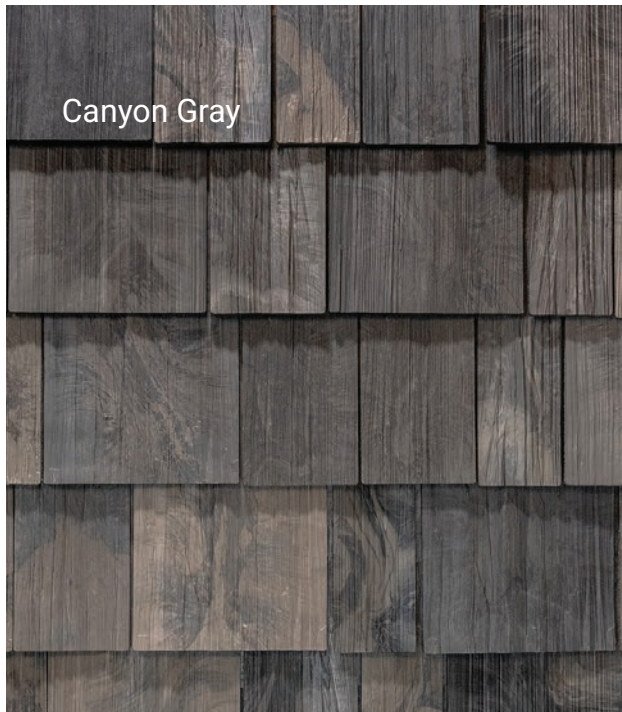
Aged Cedar



Aspen



Beechwood



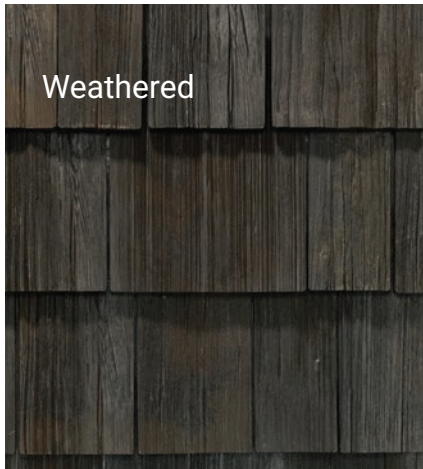
Canyon Gray



Lake Forest



Natural Cedar



Weathered



Arendale

Premium Blend



Light Arendale

Premium Blend



New Cedar

Premium Blend



Onyx

Premium Blend



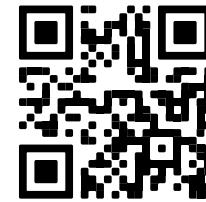
White

Premium Blend



Beautiful Cedar Tones. Naturally Rendered.

Cedar Shake offers a curated palette of warm, natural colorways, from sun-bleached blondes to deep, weathered ambers. Each shade replicates the tonal depth and surface variation of natural cedar, bringing authentic warmth and character to any application.



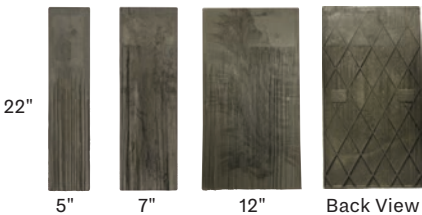
VIDEO: See how color changes throughout the day and access high resolution photos. **Scan QR Code.**

Authentic Cedar Aesthetic. Engineered for Steep Slopes.

Cedar Shake Roof System

Standard Field Shake (Structural Ribbing Back)

Install at all roof sections.
14.3 Bundles per Square



Solid Shake (Solid Back)

Install at rake and/or valleys
(optional upgrade).

24 Bundles per Square



12"

Hip/Ridge Shake

Available in three configurations
depending on application and roof pitch.*
8.3 linear feet per bundle



Cut Shakes

Factory edge to the outside.

Ice & Water Shield

Recommended at eaves and valleys.

Underlayment

Synthetic recommended.

Starter

Install at eaves.
Thick edge installed
toward eave.

Note: Images not to scale.

*For more detail on Hip/Ridge angles and application, refer to the installation guide.

BRAVA Shake Roof Tile



Beautiful appearance
that fits your home.



Low maintenance
costs.



25-year limited
transferable warranty.



Class A fire rating.



Highest resistance
rating against hail and
storm damage.



In compliance
with major
building codes.



Beautiful appearance
that fits your home.



Must be inspected and
repaired annually for
cracked or slipped tiles,
spalling, and fastener
failures.



Replacement
required every
20-years.



Burns easily,
increases
insurance costs.



More susceptible
to hail and storm
damage.



Being blocked by
more local
building codes.

Traditional Cedar Shakes

Historic Properties

Featured in BRAVA Slate



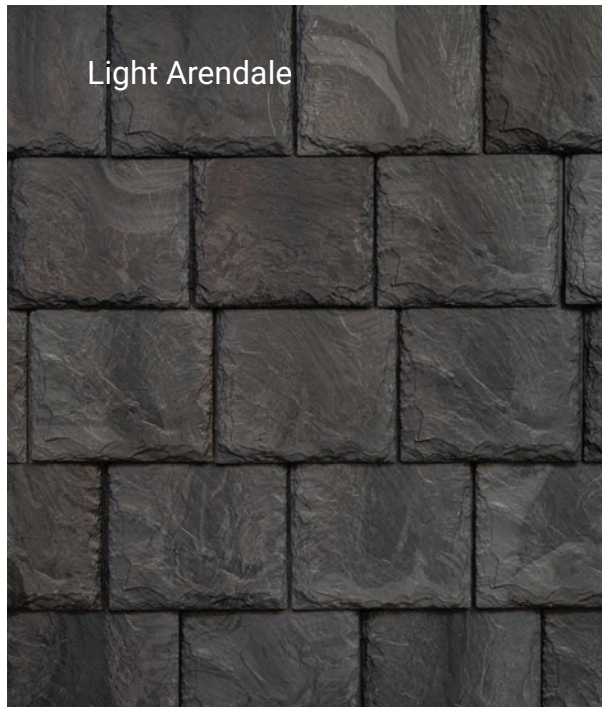
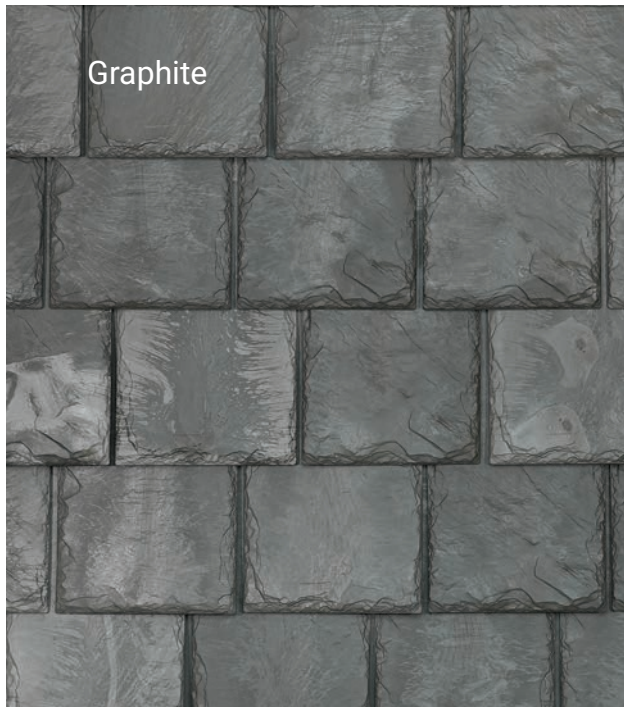
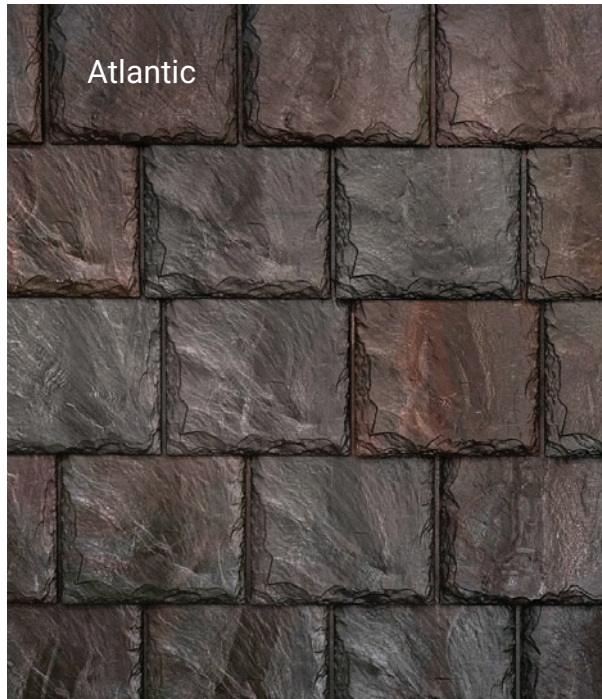
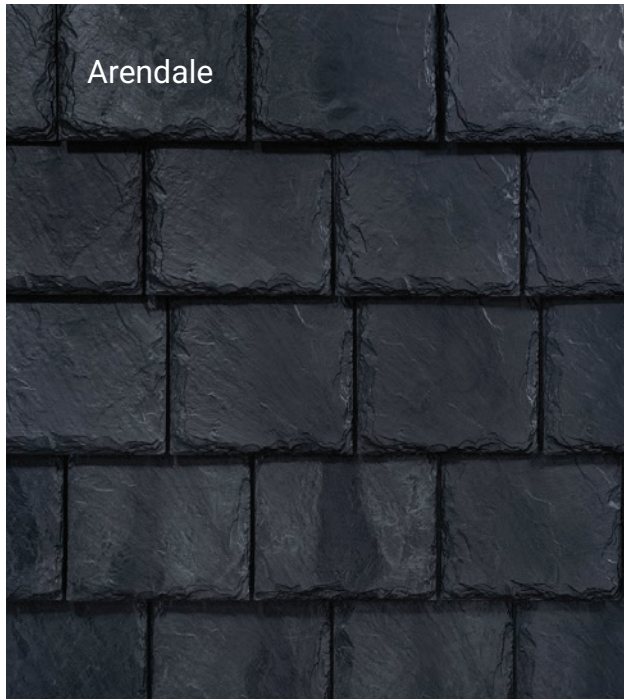
Durable

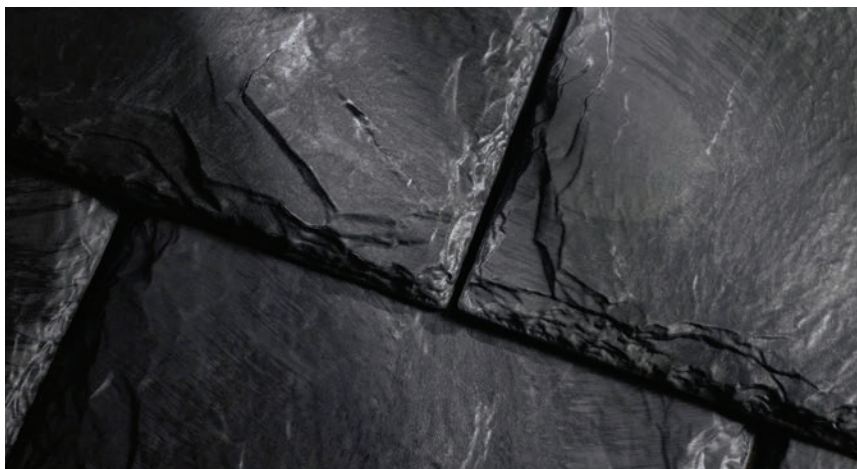
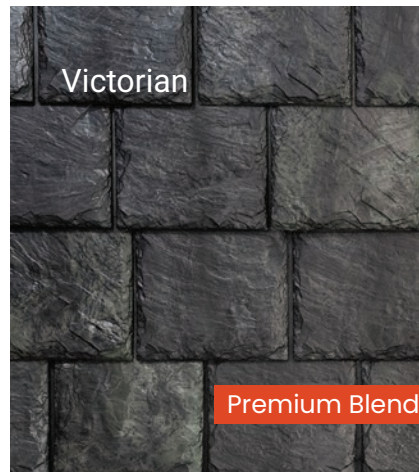
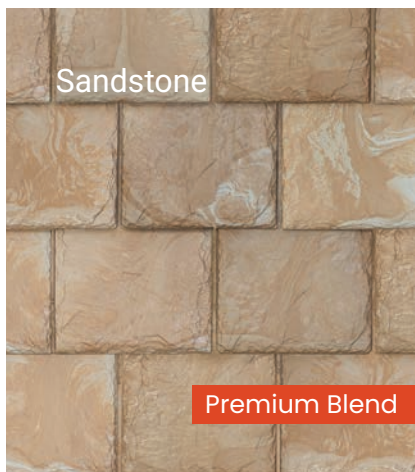
BRAVA materials won't suffer damage during transport, installation, or even blowing debris from high winds.





Slate: Atlantic





Deep Grays. Rich Tones. Slate Elegance.

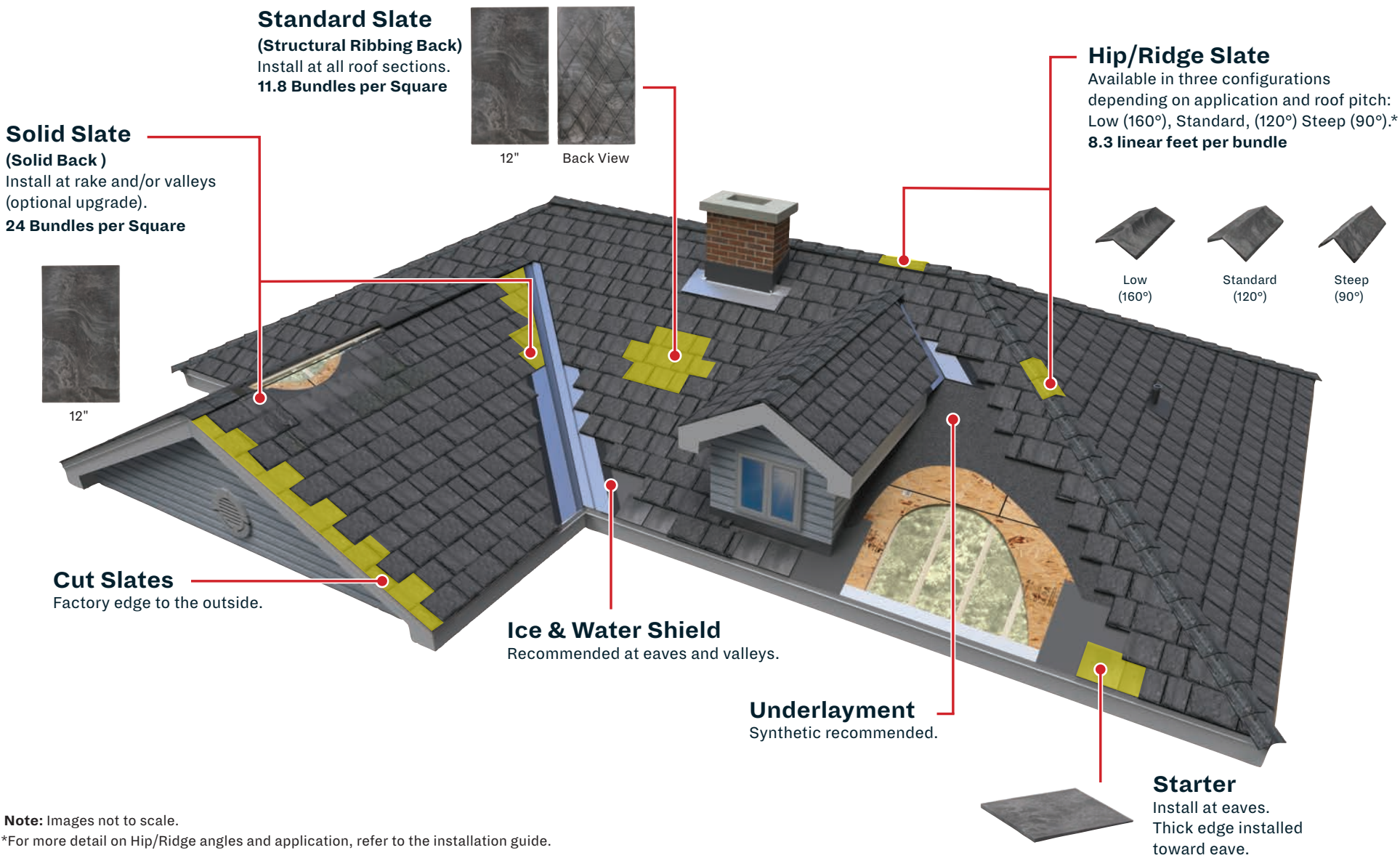
Slate offers a refined palette of cool, sophisticated colorways, from soft silver grays to deep charcoal tones. Each shade replicates the natural surface variation and understated elegance of genuine slate, bringing timeless architectural character to any application.



VIDEO: See how color changes throughout the day and access high resolution photos. **Scan QR Code.**

A Slate System Built for Slopes, Domes, and Historic Preservation

Slate Tile Roof System



BRAVA Slate Roof Tile



Beautiful appearance
that fits your home.



Low maintenance
costs.



25-year limited
transferable warranty.



Class A fire rating.



Highest resistance
rating against hail and
storm damage.



Lightweight and strong.
Does not require any
structural changes.



Beautiful appearance
that fits your home.



Must be inspected and
repaired annually for
cracked or slipped tiles,
spalling, and fastener
failures.



Natural slate is
brittle and must
be monitored and
replaced by a
specialist.



Class A fire rating.



More susceptible
to hail and storm
damage.



Heavyweight requires
additional structural
reinforcement.

Traditional Quarried Slate



Houses Of Worship

Featured in BRAVA
Spanish Barrel Tile & Slate



Lasting Color

Revolutionary fade-resistant
technology ensures your roof
will look stunning year after year.





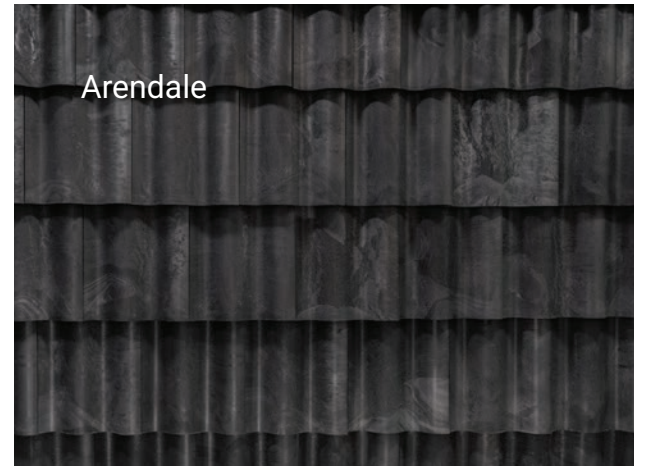
Spanish Barrel Tile & Slate:
Antigua (Custom Color)



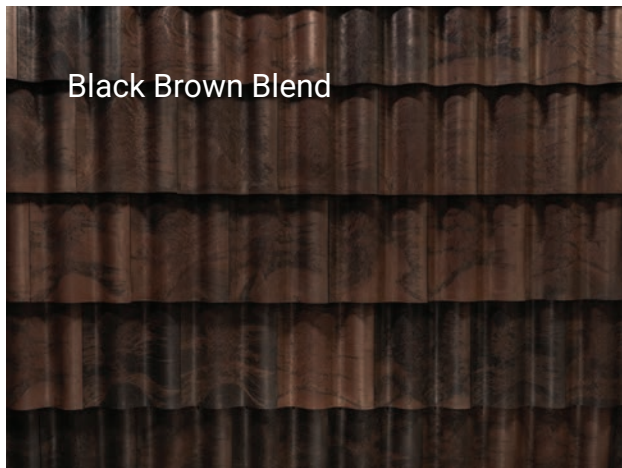
Aged Mission



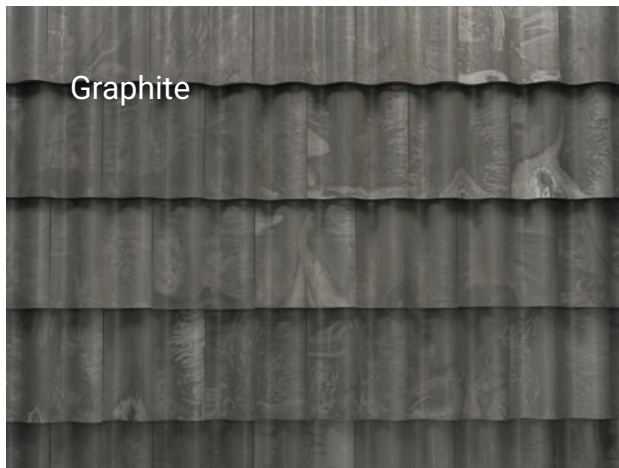
Antique Clay



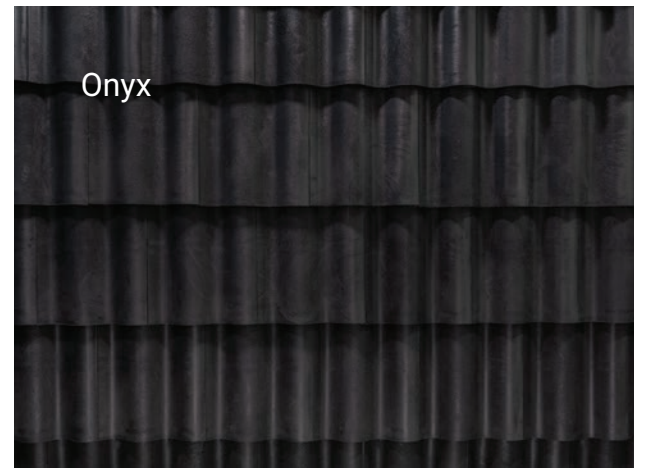
Arendale



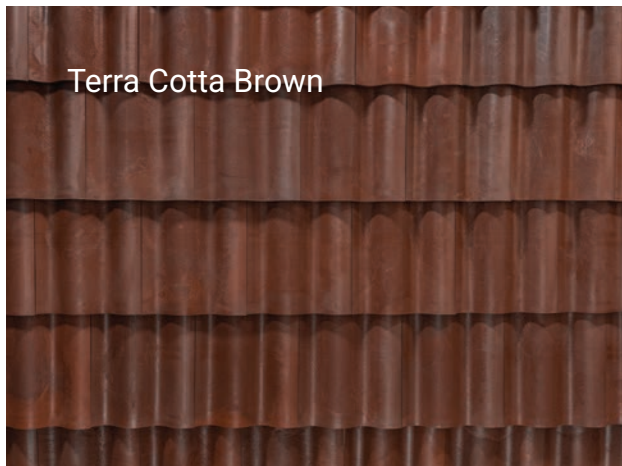
Black Brown Blend



Graphite



Onyx



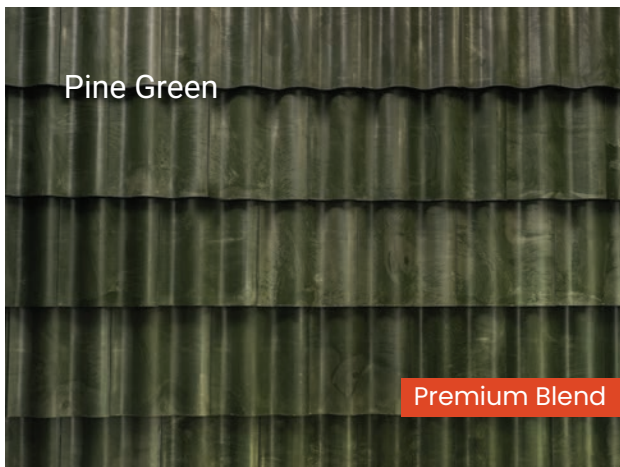
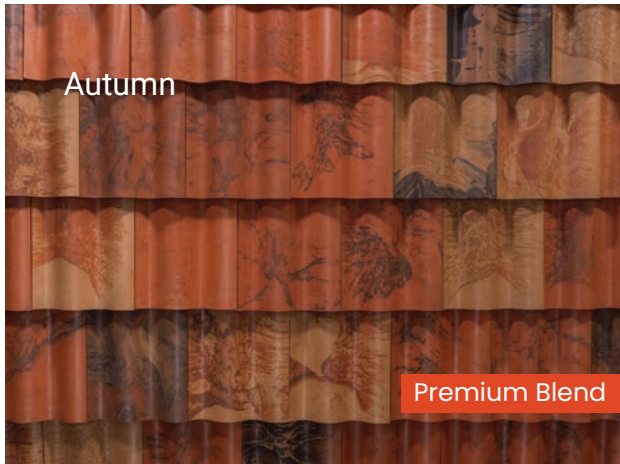
Terra Cotta Brown



Tuscan Clay

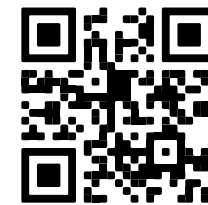


Vintage Terra Cotta



Colorful, Classic Coastal Warmth. Richly Expressed.

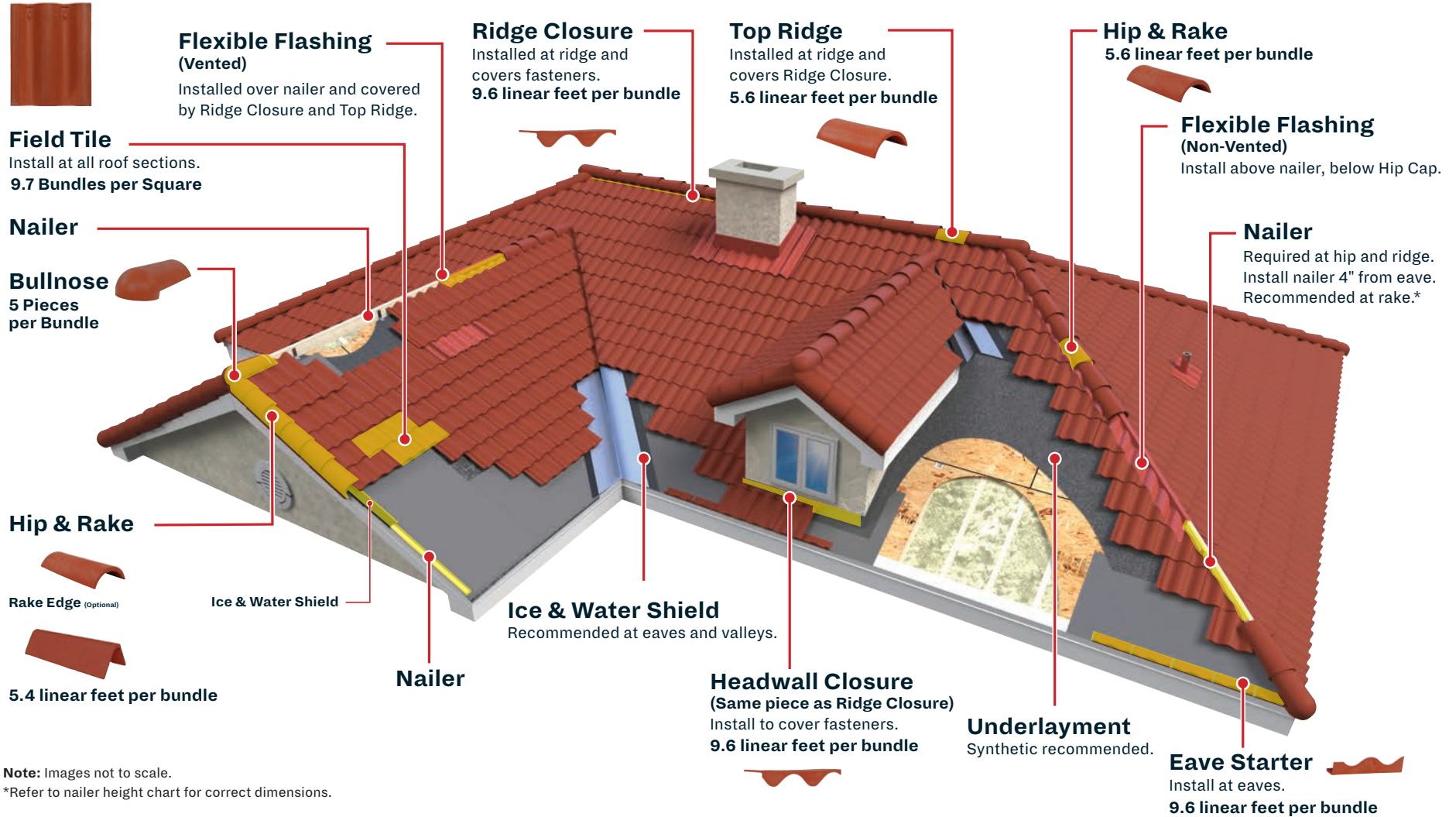
Spanish Barrel Tile offers a rich palette of warm colorways, from terracotta reds to soft, sandy neutrals, inspired by the warmth of tropical architecture. Each shade replicates the dimensional warmth and tonal richness of traditional clay tile, bringing classic coastal character to any application.



VIDEO: See how color changes throughout the day and access high resolution photos. **Scan QR Code.**

An Integrated System to Keep Homes Safe & Dry

Spanish Barrel Tile Roof System



BRAVA Spanish Roof Tile



Beautiful appearance
that fits your home.



Low maintenance
costs.



25-year limited
transferable warranty.



Class A fire rating.



Highest resistance
rating against hail and
storm damage.



Lightweight and strong.
Does not require any
structural changes.



Beautiful appearance
that fits your home.



Must be inspected and
repaired annually for
cracked or slipped tiles,
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failures.



Natural terracotta
is brittle and must
be monitored and
replaced by a
specialist.



Class A fire rating.



More susceptible
to hail and storm
damage.



Heavyweight requires
additional structural
reinforcement.

Traditional Clay Tile

HOA Properties

Featured in BRAVA
Spanish Barrel Tile



Lasting Color

Revolutionary fade-resistant
technology ensures your roof
will look stunning year after year.





Spanish Barrel Tile: Terra Cotta (Cool Colors)

Build With Resilience

Built for the storm. When hurricane-force winds and airborne debris put every roofing system to the test, BRAVA composite roofing is engineered to stay in place — delivering structural confidence in the harshest conditions without compromising the architectural design.

Every tile is tested to withstand extreme wind speeds, impact, and relentless weather exposure. The result is a roofing system that holds strong through the storm, and continues to perform long after the skies clear.

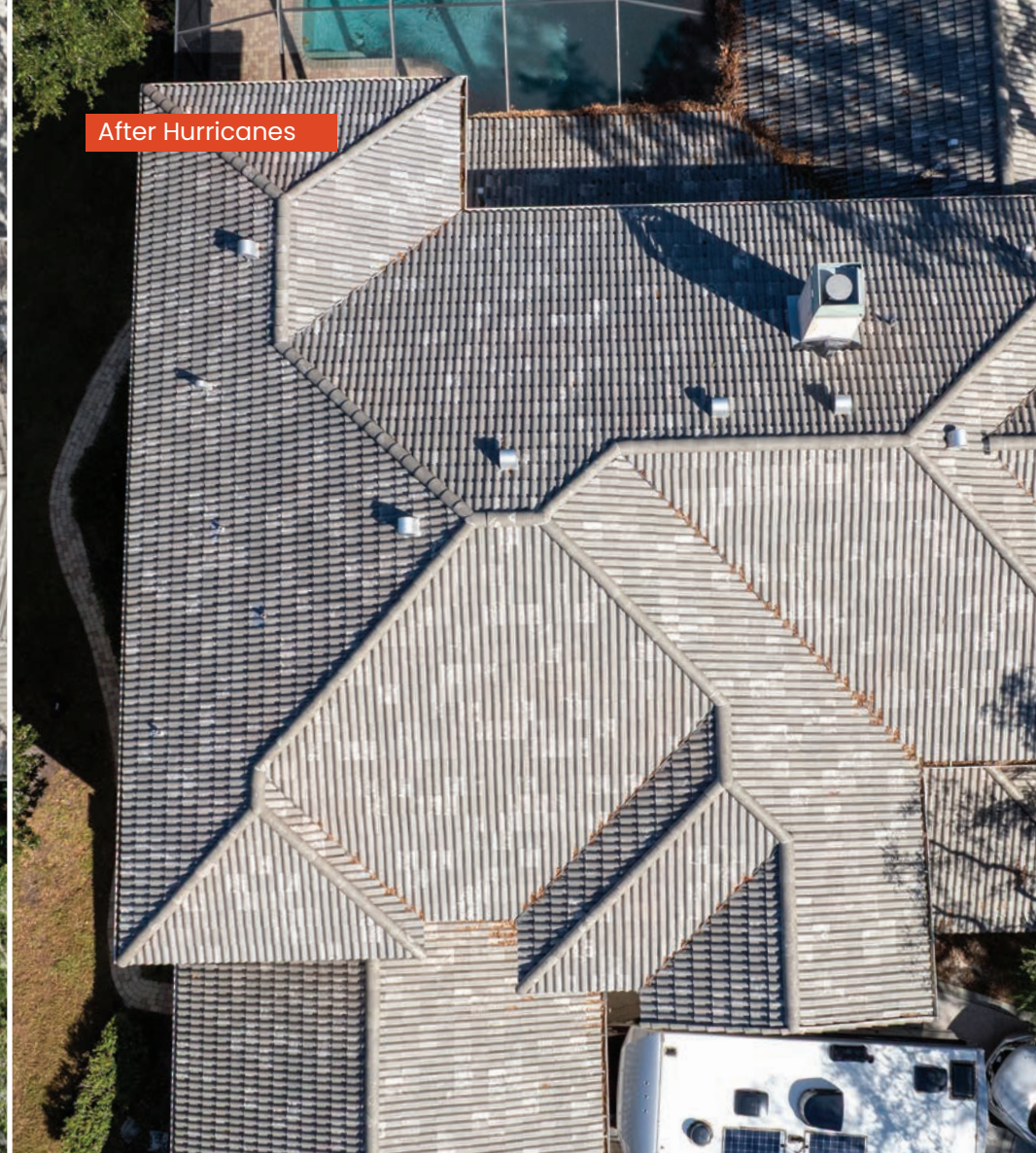




Before Hurricanes



After Hurricanes



Two Hurricanes Versus A BRAVA's Lifetime Resilience.

When Hurricanes Helene and Milton made landfall weeks apart in the fall of 2024, coastal and inland communities across Florida faced sustained winds exceeding 50 mph and gusts of 100+ mph.

In Brandon, Florida, BRAVA Spanish Barrel Tile survived. Lightweight yet structurally robust, every tile resisted wind uplift, impact, and moisture intrusion through back-to-back storm events. The roof performed without compromise. The tiles remained intact. That is BRAVA under pressure.

Build With Confidence

BRAVA composite roofing meets the industry's most rigorous codes and certifications — Miami-Dade, TDI, ICC-ES, Class A Fire Rating, IRC, and GreenCircle Certified. Designed and manufactured in the USA, built to the standard your project deserves.

BRAVA meets WUI code requirements with Class A fire rated roofing systems approved for California, Oregon, and Colorado. Title 24 compliance adds the energy performance credential Western specifications demand.



MIAMI-DADE APPROVED



FLORIDA BUILDING CODE APPROVED



ICC INTERNATIONAL CODE COUNCIL



TEXAS DEPARTMENT OF INSURANCE



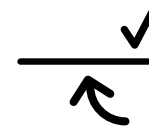
INTERNATIONAL BUILDING CODE



WIND RESISTANCE
188MPH with ring shank nails,
up to 211 MPH with high wind/
screw installation



TEMPERATURE CYCLING TEST



UPLIFT BEND TEST



PENETRATION TEST



INTERNATIONAL RESIDENTIAL CODE



FIRE RATING



CLASS 4

IMPACT RESISTANCE CLASS IV

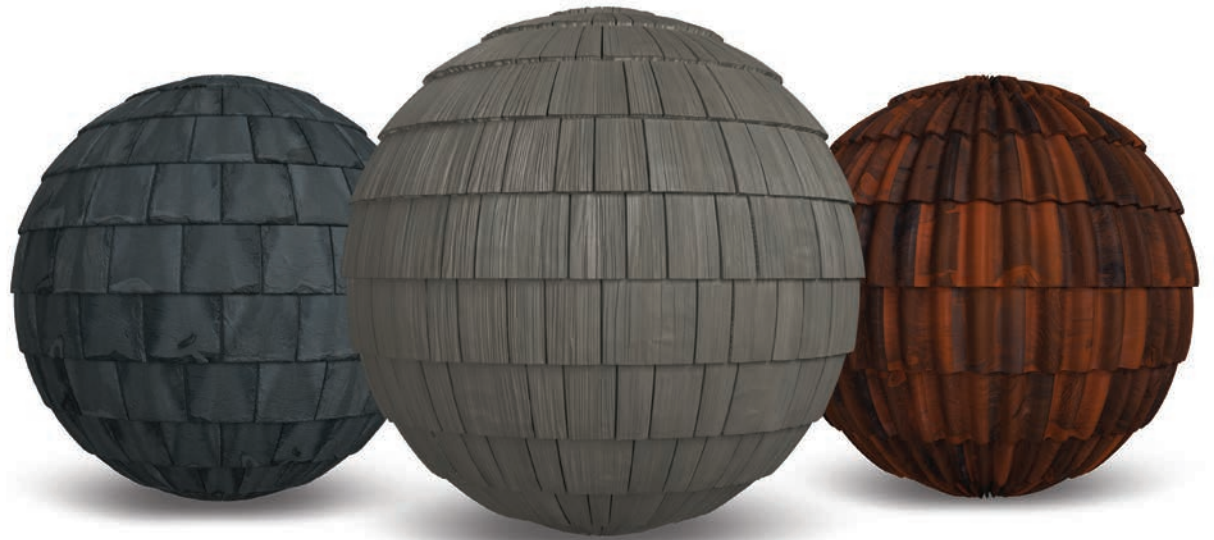


WEATHEROMETER TEST

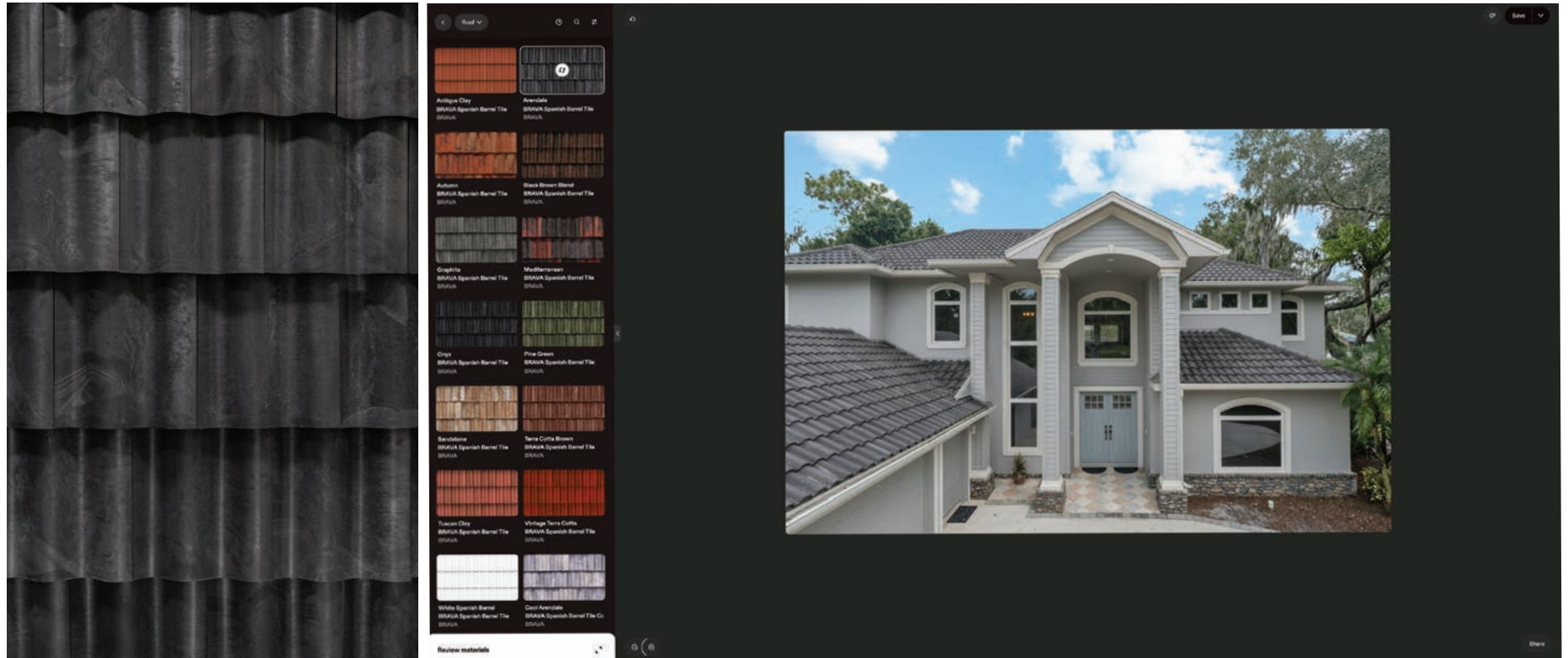
Build With BIM Assets

BRAVA BIM resources support the full specification lifecycle, not just the design model. Accurate product data, technical documentation, and performance credentials are embedded directly into every BIM object, giving architects immediate access to what the specification requires.

CSI specifications, ICC-ES evaluation reports, installation details, and wind, fire, and hail testing documentation that is organized, current, and accessible to support your design and specifications.



Visualize BRAVA On Your Property



Every exceptional roof starts as an idea. BRAVA's visualization tools bring that idea to life, letting you explore the full range of profiles and finishes against your actual structure. Upload an image of your property and experience a true-to-life rendering of BRAVA tiles in place — exploring profiles, colorways, and textures as they would actually appear. From the earliest stage of design, the decision is no longer a matter of imagination.



VISUALIZER: See how BRAVA roof tiles look on your project. **Scan QR Code.**



