

ELITE ALUMINUM COMMERCIAL | RESIDENTIAL

ROOF SYSTEMS



ELITE
ALUMINUM
CORPORATION

4650 LYONS TECHNOLOGY PARKWAY, COCONUT CREEK FL 33073
MAIN OFFICE (954) 949 - 3200 FAX (954) 949-3201

ELITEALUMINUM.COM

PROUDLY MANUFACTURED IN THE USA 

ELITE ALUMINUM COMMERCIAL | RESIDENTIAL

ROOF SYSTEMS

Where innovation
meets excellence.

Our aluminum roof systems are engineered to deliver durability, versatility, and aesthetic appeal for residential and commercial applications. From patios and sunrooms to carports and screen rooms, our products provide lasting value and exceptional performance.

Elite's Roof Systems is the top choice for contractors and distributors nationwide.

ELITEALUMINUM.COM



DESIGNED & MANUFACTURED IN FLORIDA
ENGINEERED FOR COASTAL & HIGH-WIND ENVIRONMENTS

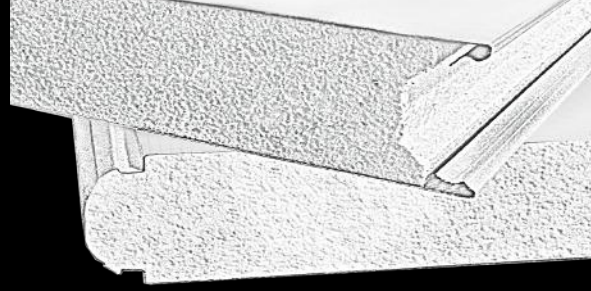


CONTENTS

- Roof System Overview
- In-Panel Skylight Kit Integration
- In-Panel Fan Integration
- Lighting Systems Integration
- Roof Systems Parts Catalog
- Color Guide and Style Options



ROOF SYSTEMS



Overview

Elite Aluminum designs and manufactures fully engineered insulated aluminum roof systems for residential and commercial applications. Each system is developed to provide structural integrity, thermal efficiency, long-term durability, and installation efficiency while maintaining architectural flexibility. Our roof systems are not conventional coverings. They are integrated structural assemblies designed to perform as engineered building components. From patio covers and sunrooms to light commercial enclosures and specialty structures, Elite roof systems deliver predictable performance under wind, environmental exposure, and sustained use.

Engineered Performance

Every Elite roof system is factory-laminated using high-grade aluminum facings bonded to an expanded polystyrene (EPS) insulated core. This composite construction creates a rigid structural panel with an exceptional strength-to-weight ratio.

When installed per approved engineering, Elite roof systems are designed to:

- Resist wind uplift forces
- Maintain structural stability
- Provide load-bearing capability
- Reduce thermal transfer
- Meet or exceed applicable building code requirements

Master plan engineering and span compliance documentation are available to support project approval.

→ Structural Integrity

Precision-formed interlocking joints create continuous structural diaphragms, enhancing rigidity and panel alignment.

→ Thermal Efficiency

EPS insulated cores reduce heat transfer and improve interior comfort in enclosed and semi-enclosed environments.

→ Installation Efficiency

Factory-finished panels, integrated locking mechanisms, and coordinated trim systems reduce field labor time and ensure consistent installation results.

Application Versatility

Elite Commercial and Residential Roof Systems are adaptable to studio (single-slope) roofs and gable roof systems.

They are widely used in:

- Sunrooms
- Screen rooms
- Patio covers
- Carports
- Residential enclosures
- commercial extensions

Optional integrations may include skylights, ceiling fans, and lighting systems.



Elite Roof System Performance At A Glance

Wind Resistance: Up to 180 MPH

Snow Load: Up to 60 PSF

Panel Thickness: 3", 4", 6", 8"

Max Length: 40'

Foam Density Options: 1 lb / 2 lb

Compatible Roof Types: Studio & Gable

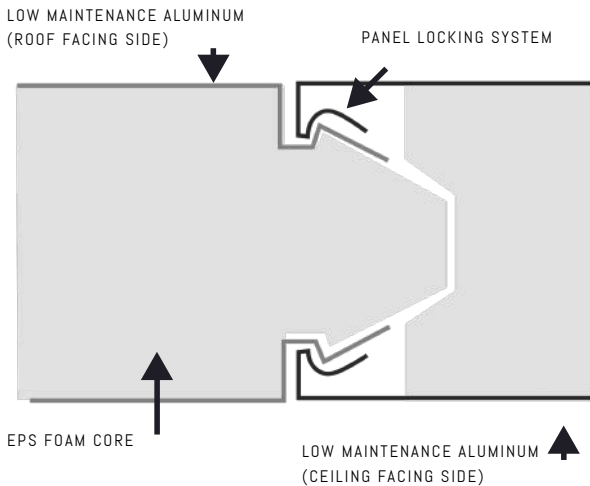


ELITE ALUMINUM COMMERCIAL | RESIDENTIAL

ROOF SYSTEMS

SPECIFICATIONS

Panel Construction	Structural composite sandwich panel
Material	High grade aluminum
Core Material	Expanded Polystyrene (EPS), factory laminated
Standard Panel Width	48 inches (nominal)
Panel Thickness Options	3", 4", 6"
Maximum Panel Length	Up to 40 feet
Aluminum Skin Thickness	.024" standard
Foam Density	1 lb standard / 2 lb optional
Wind Resistance	Rated up to 180 mph
Span Compliance	Subject to local code and approved engineering
Thermal Performance	EPS core reduces heat transfer (R-value varies by thickness)
Roof Configurations	Studio, Gable
Trim Components	Extruded aluminum trims available for all panel depths
Accessory Integration	Skylights, ceiling fans, lighting systems
Finish Options	Cedar Embossed, Stucco
Colors	* View color guide
Code Compliance	Engineered to meet or exceed applicable building codes
Engineering Support	Master plan engineering available
Applications	Sunrooms, Patio Covers, Carports, Screen Rooms, Residential Enclosures, Commercial Extensions

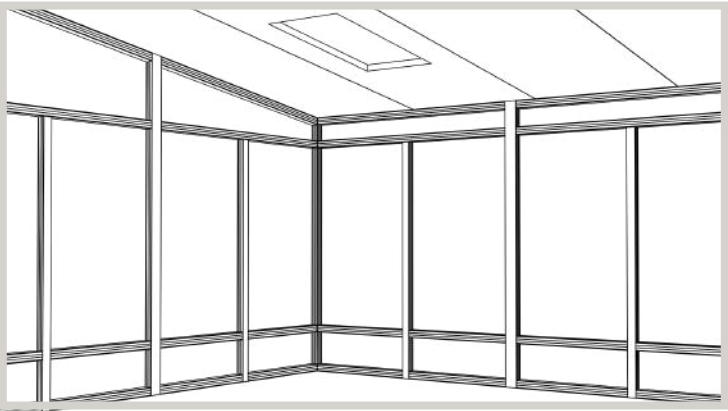
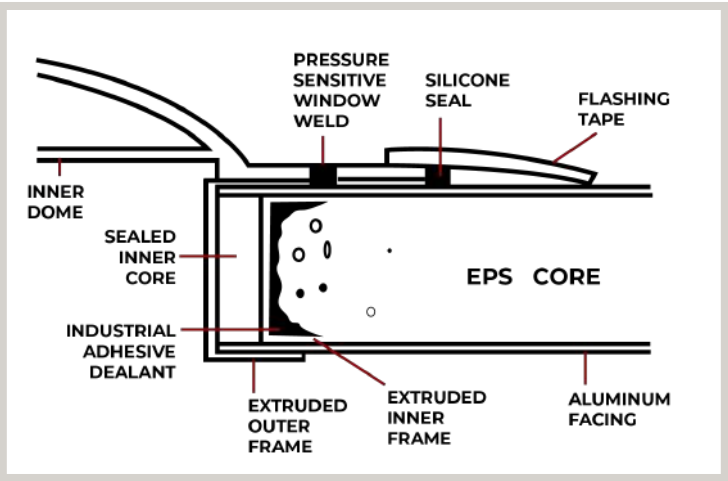




Elite Aluminum’s In-Panel Skylight Integration is a factory-engineered daylighting solution designed to install directly within aluminum roof panel systems. Built for durability, thermal performance, and clean architectural lines, this skylight delivers natural light without compromising roof integrity or long-term reliability.

SPECIFICATIONS

Product Type	In-Panel Integrated Skylight
Material	Polycarbonate with UV protection
Construction	Double-dome
Thickness	1.4
Integration Method	Factory-integrated into aluminum roof panel
Dimensions	Standard sizes available; custom dimensions supported
Light Transmission	Diffused natural daylight
Thermal Performance	Enhanced via double-dome air space
Impact Resistance	High-impact rated polycarbonate
Compatibility	Elite Aluminum roof systems
Warranty	10-Year Limited Warranty



Elite Aluminum In-Panel Skylight Integration offers contractors a reliable, factory-built daylighting solution that combines durability, energy efficiency, and modern design engineered to perform as part of the roof.

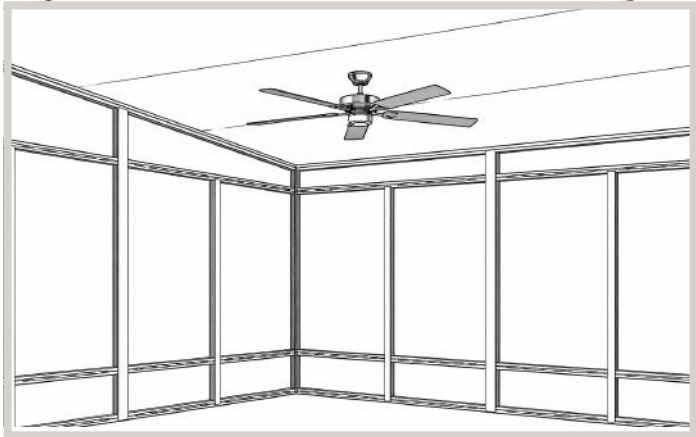




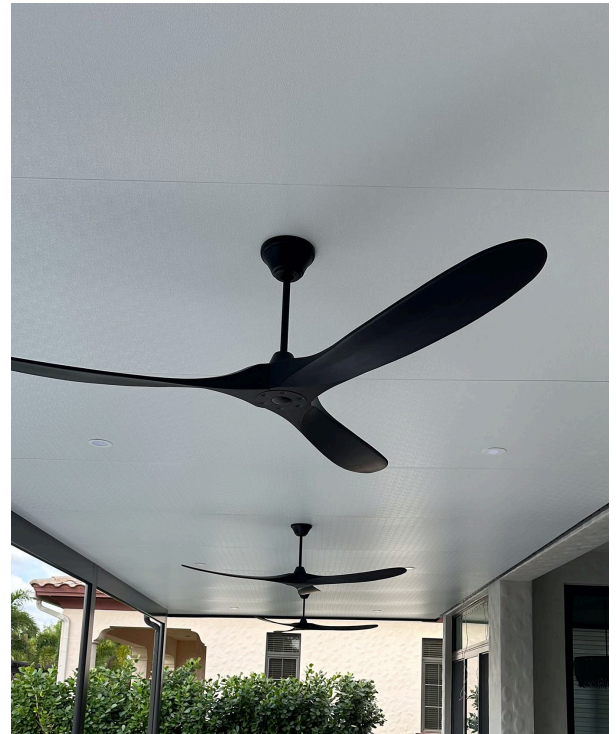
Elite Aluminum® In-Panel Fan Integration is a factory-engineered solution designed to safely support ceiling fans within aluminum roof systems. Built directly into the roof panel assembly, this integration enables fan installation without compromising structural integrity, aesthetics, or long-term performance.

SPECIFICATIONS

Product Type	In-Panel Ceiling Fan Integration
Integration Method	Factory-integrated into aluminum roof panel
Panel Construction	Reinforced aluminum panel system
Fan Compatibility	Standard residential ceiling fans (project-specific verification required)
Mounting Options	Fixed or layout-specific placement
Structural Performance	Engineered to support fan load without roof compromise
Vibration Management	Reinforced mounting area to reduce operational stress
Electrical Routing	Designed to accommodate concealed wiring (by others)
Dimensions	Standard configurations; custom layouts available
Compatibility	Elite Aluminum roof systems
Warranty	10-Year Limited Warranty



Elite Aluminum® In-Panel Fan Integration delivers a clean, engineered solution for airflow and comfort designed to perform as part of the roof system.





E-Lite® Lighting Systems are engineered, low-voltage LED solutions designed for seamless integration with Elite Aluminum roof and ceiling assemblies. Built for efficiency, durability, and clean aesthetics, E-Lite delivers consistent illumination for patios, screen rooms, and outdoor living environments with minimal energy use and long service life.

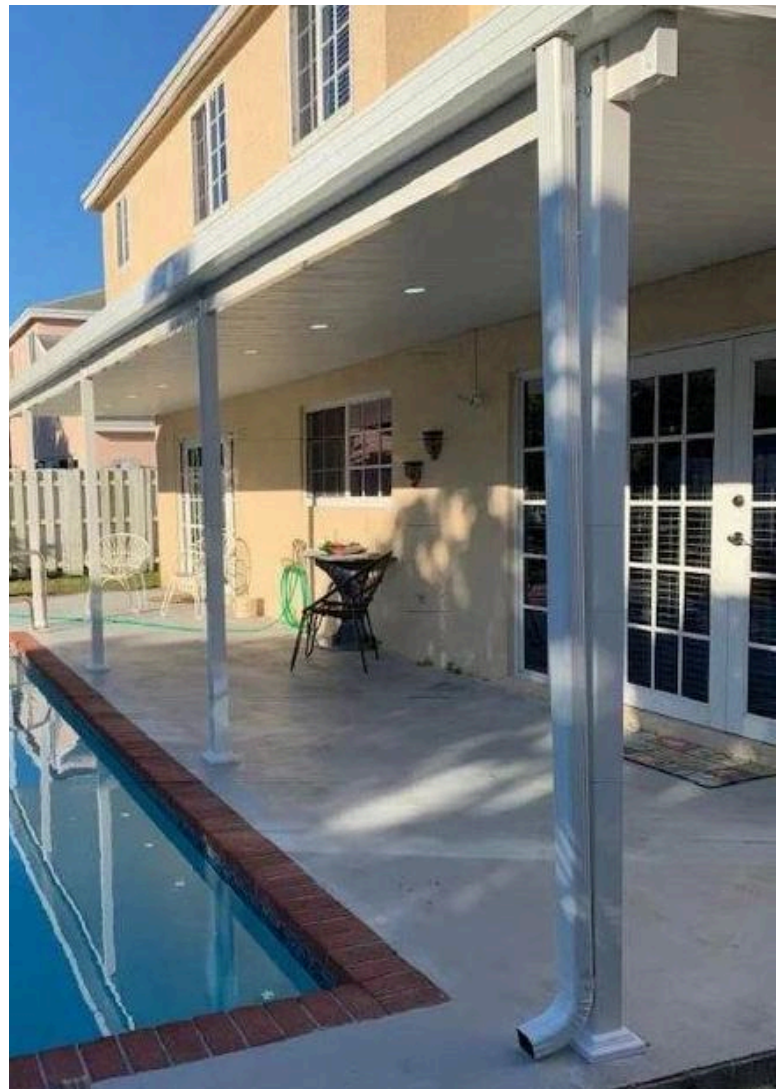
SPECIFICATIONS

Product Type	E-Lite® Integrated LED Lighting
Cover Diameter	3 inches
Voltage	12V DC
Power	10 Watts LED
Lifespan	25,000+ hours
Color Temperature Options	3000K (Warm White) or 5000K (Cool White)
Beam Angle	90°
Dimmable	Yes
Installation	Integrated with Elite Panel-Lock Systems
Application	Outdoor / Covered Environments
Weather Rating	Weatherproof
Warranty	2-Year Limited Warranty

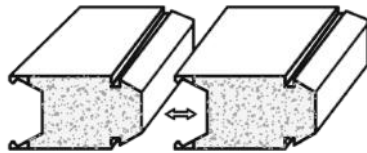


INSTALLATION

1. Core drill 2- 5/8" hole through fan beam.
2. Attach wires to electrical source.
3. Slide light into hole and the patented wedge design snaps light into place.



1.1 Universal Lock Panel



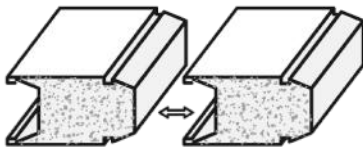
Aluminum facings both sides with polystyrene foam core

CATEGORY

SPECIFICATIONS

Lock Type	Roll Lock / Horizontal Lock
Seal System	Double sealant reservoir
Edge Detail	Reinforced locking edges
Widths	4 ft or 22-7/8 in
Length	Up to 40 ft
Thickness	3", 4", 6", 8"
Aluminum Facing	.024 or .032 (white only for .032)
Foam Density	1 lb or 2 lb

1.2 Interlock Panel



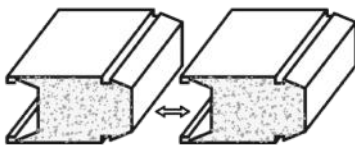
Aluminum facings both sides with polystyrene foam core

CATEGORY

SPECIFICATIONS

Lock Type	Positive Lock Roll System
Widths	4 ft or 22-7/8 in
Length	Up to 40 ft
Thickness	3", 4", 6", 8"
Aluminum Facing	.024 or .032 (white only for .032)
Foam Density	1 lb or 2 lb

1.3 Elite Panelock



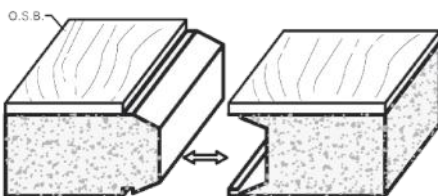
Aluminum facings both sides with polystyrene foam core

CATEGORY

SPECIFICATIONS

Lock Type	Horizontal Lock
Widths	4 ft or 22-7/8 in
Length	Up to 24 ft
Thickness	3", 4", 6", 8"
Aluminum Facing	.024 only
Foam Density	1 lb

1.4 Elite Shingle Panel

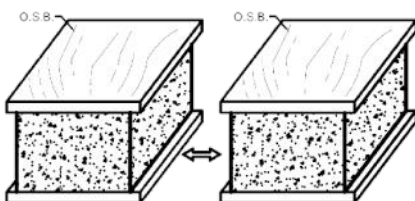


CATEGORY

SPECIFICATIONS

Application	Designed for shingles or tile
Top Facing	OSB
Bottom Facing	Aluminum
Core	EPS foam
Width	4 ft only
Length	Up to 12 ft
Thickness	4" and 6"
Aluminum Facing	.024 or .032 (white only for .032)
Foam Density	1 lb or 2 lb
Minimum Slope	2-1/2" per foot
Installation Note	Must be properly dried in

1.5 AdvanTech (OSB) Deck Panel



CATEGORY

SPECIFICATIONS

Application	Raised floor system
Core	Recessed EPS core
Lumber Integration	Accepts 2x4 and 2x6 connectors
Thickness	4-7/8" and 6-7/8"
Width	4 ft or 2 ft
Length	Min 8 ft / Max 24 ft
Facing	5/8" AdvanTech OSB

2.1 Concealed Fan Beam

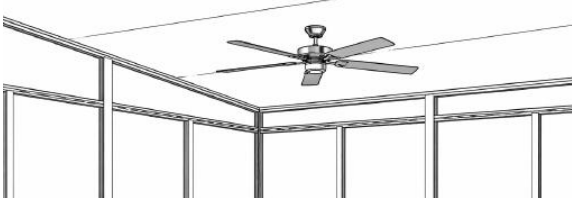


CATEGORY

SPECIFICATIONS

Application	Raised floor system
Core	Recessed EPS core
Lumber Integration	Accepts 2x4 and 2x6 connectors
Thickness	4-7/8" and 6-7/8"
Width	4 ft or 2 ft
Length	Min 8 ft / Max 24 ft
Facing	5/8" AdvanTech OSB

2.1b Fan Support Compatibility

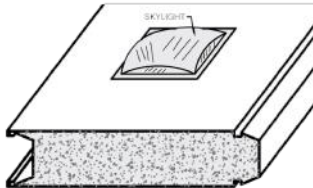


CATEGORY

SPECIFICATIONS

Fan Support Method	Concealed Fan Beam (2" x 3")
Electrical Routing	Through fan beam conduit
Panel Compatibility	All panel thicknesses
Max Fan Weight	60 lbs
Fan Provided By	Others

2.2 In-Panel Skylight

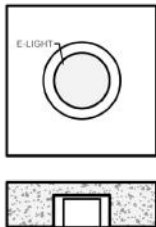


CATEGORY

SPECIFICATIONS

Compatible Panel	3", 4", 6"
Standard Sizes	2x4
Material	Double Domed Polycarbonate
Optional	Poly-lite curbed with 1/2" insulated glass
Frame Colors	White or Bronze
Minimum Panel Length	6 ft
Color	Earthtone

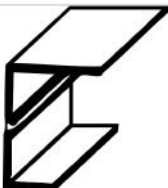
2.3 E-Lite LED System



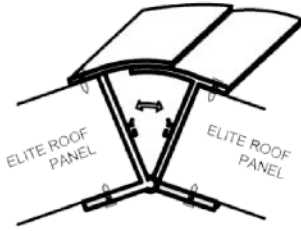
CATEGORY

SPECIFICATIONS

Installation	Core drill 2-5/8" hole through fan beam
Power	10W LED
Equivalent	65W incandescent
Energy Usage	16% of incandescent
Lifespan	25,000 hours
Diameter	3"
Dimmable	Yes

3.1 E Gutter	CATEGORY	SPECIFICATIONS
	Function	Protects core material and allows flush finish on bottom side of roof
	Compatibility	3" systems
	Standard Length	24 ft
	Color Selection	White, Bronze, Ivory, Almond, Clay
	Splice Availability	Available for 6" system (White & Almond only)
3.2 E Fascia	CATEGORY	SPECIFICATIONS
	Usage	Used only with "E" Gutter
	Function	Protects core material and blends with E gutter
	Compatibility	3" systems
	Standard Length	25 ft
	Standard Colors	White, Bronze, Almond, Ivory, Clay
	6" System Colors	White & Almond only
3.3 NatureScape 3/4" Gutter	CATEGORY	SPECIFICATIONS
	Function	Protects core material and allows screening to eliminate debris
	Compatibility	3" and 4" roof panels
	Standard Length	24 ft
	Color Selection	White, Almond, Bronze, Black
3.4 NatureScape Fascia	CATEGORY	SPECIFICATIONS
	Usage	Used only with NatureScape gutter
	Function	Protects core material and blends with NatureScape gutter
	Compatible Systems	3" and 4" systems
	Standard Length	25 ft
	Color Selection	White, Almond, Bronze
3.5 Drip Edge Fascia	CATEGORY	SPECIFICATIONS
	Function	Extruded trim and closure for Elite Roof System; duplicates fascia and roof edge residential profile
	Additional Benefit	Allows application of "K" style residential gutter
	Compatible Systems	3", 4", and 6" systems
	Standard Length	25 ft
	Color Selection	White, Almond, Bronze, Clay
	Other Colors	Ivory 3" systems only, Black 3" & 4" only
3.6 Wall Header	CATEGORY	SPECIFICATIONS
	Function	Channel for attaching Elite panels to existing wall or fascia
	Thermal Feature	Thermally broken for interior/exterior separation
	Roof Prep	Pre-pitched for roof slope
	Standard Length	24 ft
	3" Color Options	White, Almond, Ivory, Bronze, Clay, Black
	4" Color Options	White, Almond, Clay, Black
	6" Color Options	White, Almond, Clay

4.1 Adjustable Ridge Beam

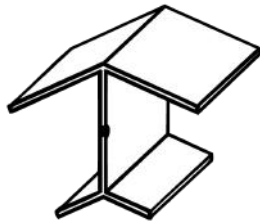


CATEGORY

SPECIFICATIONS

Function	Supports load and connects panels at ridge
Slope Capability	Designed for 1/12 to 7/12 roof slopes
Thermal Feature	Thermally broken for interior/exterior separation
Compatible Systems	3", 4", and 6" roof systems
Standard Length	24 ft
Color Selection	White, Almond

4.2 Gable Ridge Connector



CATEGORY

SPECIFICATIONS

Function	Panel connector for gabled roof applications
Design Slope	Designed for 3/12 slope
Thermal Feature	Thermally broken
Compatible Systems	3" system only
Standard Length	24 ft
Color Selection	White

5.1 Lag Bolt w/Drill Tip & Neoprene Washer



CATEGORY

SPECIFICATIONS

Function	Anchors uplift on Elite roof systems
Typical Locations	Bearing points and side walls
Available Lengths	4-7/8", 5-7/8", 7-7/8"
Packaging	Lags 100 count – Box 3

5.2 PL Premium Adhesive



CATEGORY

SPECIFICATIONS

Function	Application of shingles and other roof materials to Elite roof
Cartridge Size	11 oz
Packaging	12 per carton

5.3 Peel & Seal 250 w/ Power Bond 4



CATEGORY

SPECIFICATIONS

Function	Sealing seams and attachment connections
Construction	Aluminum top facing on mineral fiber substrate
Roll Length	50 ft
Width	4 in
Finish	White & Almond embossed

Stucco

WHITE STUCCO

IVORY STUCCO

ALMOND STUCCO

WHEAT STUCCO

CLAY STUCCO

BRONZE STUCCO

BLACK STUCCO

SILVER STUCCO

* Ask your contractor to provide you with swatch samples for accuracy. Colors and textures may slightly differ.

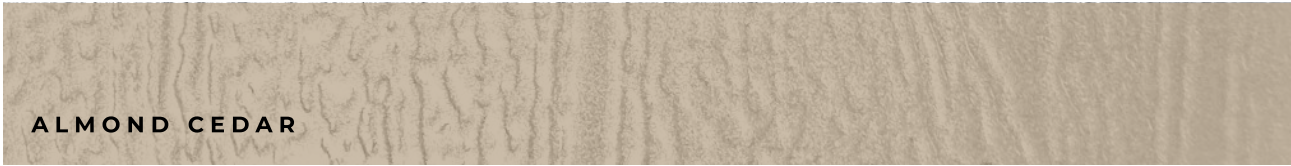
Cedar



WHITE CEDAR



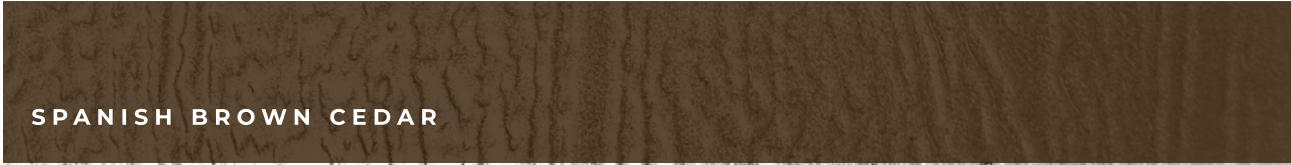
DESERT SAND CEDAR



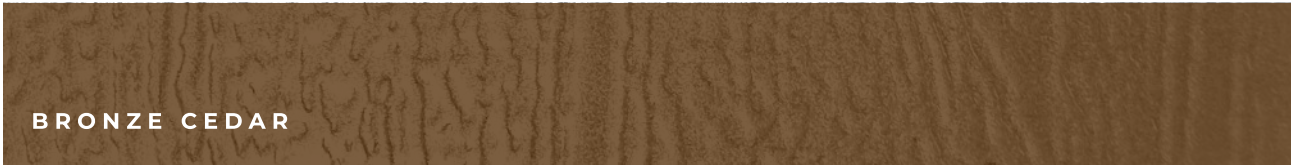
ALMOND CEDAR



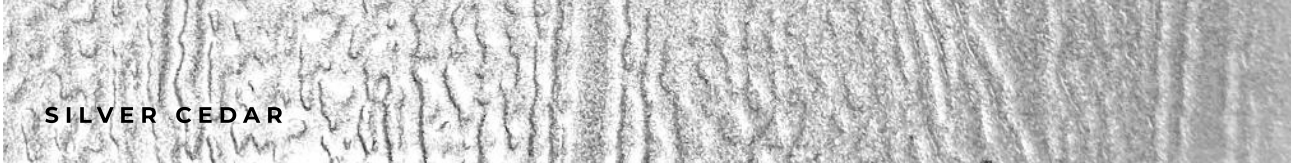
CLAY CEDAR



SPANISH BROWN CEDAR



BRONZE CEDAR



SILVER CEDAR

* Ask your contractor to provide you with swatch samples for accuracy. Colors and textures may slightly differ.

Wood Grain

MOGANO

GOLDEN OAK



* Ask your contractor to provide you with swatch samples for accuracy. Colors and textures may slightly differ.

ROOF SYSTEMS GALLERY



COMMERCIAL

