



Metal ROOFING SYSTEMS

Featuring
Batten Seam
Standing Seam
Tile & Shingles



Metal WALL PANELS

Featuring
Facades, Mansards,
Curved Panels, Soffits,
Ceilings, Light Gauge Framing,
Custom Accessories, & Rainware



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The headquarters of ATAS International, Inc. are located in Allentown, PA. In this modern manufacturing facility, ATAS produces quality metal wall, roof, and ceiling systems. ATAS's production team consistently manufactures precise products, meeting customer specifications and designs. Other manufacturing facilities in Mesa, AZ and Maryville, TN enable ATAS to serve customers country wide.

ATAS has experienced drafting and technical personnel to assist you with the design, prints, and development of your project. Prompt order processing with Rapid Respond system, saves both time and expense for our valued customers. We are able to provide our customers with the industry-leading service that has been synonymous with ATAS for years.

To provide information on a 24-hour basis, ATAS has developed several programs for your convenience. Product information is available on atas.com or by emailing info@atas.com. A specification program is also available at www.atas.com. Simply answer a few questions about the project and allow the program to create customized 3-part specs for you in seconds!

Our belief in quality craftsmanship and prompt service has allowed us to expand. In growing, we hope to provide our current and future customers with unequalled product quality, courtesy, and fast order processing. Call us, and let us prove ourselves.

ATAS is your single source for all metal roofing, wall and ceiling panels, also a complete line of accessories. Accessories include soffit and facade panels, valleys, ridge caps, gable and eave trim and rainware. They are formed to customer specifications or as required by the panel system.

06.125.1

ATAS
International,
Inc.



ISO 9001:2000

ATAS International, Inc. operations have been certified to the ISO 9001:2000 With Design International Quality System Standard in all locations. This certification assists ATAS with maintaining industry leadership utilizing a customer focus and quality improvements that are consistent with continued growth, enhanced customer and employee satisfaction and harnessing growth responsibly.

Training Seminars

- Knowledge is Key to Success
- Master the Fundamentals of Metal Roofing

Training seminars are available for metal roofing installers to expand their experience and knowledge with metal roof installation for residential and commercial applications. AIA/ CES seminars for Architects are available throughout the country. For more detailed information, visit atas.com or call 610.395.8445.

Cost Evaluation

In evaluating the cost of any roof system, the installation, maintenance and repair cost over the life of the roof must be considered. Independent studies have shown that in most cases, a metal roof system is the most economical when all of these factors are taken into account. This applies to both new construction and reroofing.



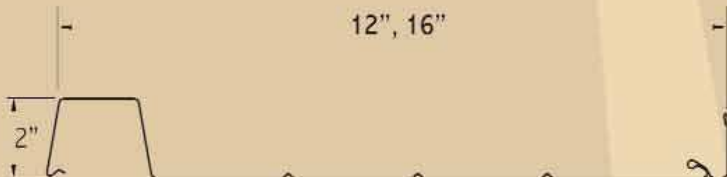
Monarch™ Batten Seam



Monarch is a "batten" style panel with an integral batten and seam. The Batten Seam and the Lock are an integral part of the panel. A vertical "leg" is formed as an extra water barrier. A dip is hooked over the leg; this allows for the expansion of the system. The panels interlock with each other. All dips and fasteners required to install the panel are concealed with the batten of the consecutive panel. Continuous panel lengths eliminate cross seams. Easy one-piece installation lowers on-site labor cost. No extra caps or strips to install. Also, no special equipment required to zip or seam the panels together.

SKU:	MRB120, MRB160
Gauge:	.032, .040, .050* Aluminum 24, 22* ga. Metallic Coated Steel, 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	12", 16" (Specify with or without stiffening ribs)
Panel Length:	Cut to customer specifications with a min. of 4'-0", max. to transportation limitations
Seam Height:	2" Batten
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum Pitch:	2:12 Inquire for availability

12", 16"



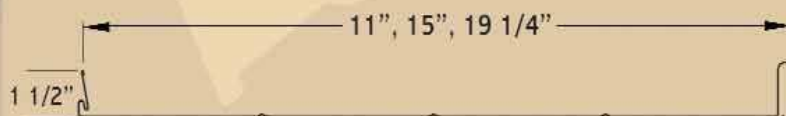
DUTCH SEAM™



Dutch Seam is a continuous standing seam panel with an integral seam. With the lock and seam an integral part of the panel, there are no caps to install. This prevents "blow-off" or "creeping" of the cap or seam. Mechanical field seaming of the panel is not required. Just snap the panel onto the previously installed panel, fasten the dip and the panel is in place. The DUTCH SEAM is a structural panel and can be fastened directly to purlins or solid substrate. The minimum slope of the roof is 2:12. A flat roof can be converted to the correct slope with the simple addition of a lightweight truss system.

SKU:	MRD110, MRD150, MRD194
Gauge:	.032, .040 Aluminum 24, 22* ga. Metallic Coated Steel 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating 16*, 20* oz. Copper <i>*Subject to minimum quantities and lead time</i>
Panel Width:	11", 15", 19 1/4" (Specify with or without stiffening ribs)
Panel Length:	Cut to customer specifications with a min. of 2'-0", max. to transportation limitations
Seam Height:	1 1/2" Seam
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum Pitch:	2:12 Inquire for availability

11", 15", 19 1/4"

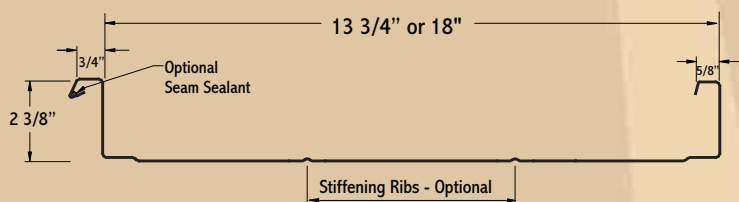


FIELD-LOK™



The FIELD-LOK, FLS Series, Standing Seam panel features a Triple-Lok design that has been proven to outperform all roof systems in testing for wind uplift resistance. The FIELD-LOK incorporates a "hooked in" standing seam with a double folded design to resist seam failure between supports, inhibit sidelap unfurling or unzipping, and add structural integrity to the roof system. Installed with "floating" dips, FIELD-LOK accommodates for expansion and contraction of the roof system. The adjacent panel conceals the fasteners and dips. A power driven mechanical seamer is used to interlock the panels at the site. FIELD-LOK has the flat pan/vertical rib profile preferred by Architects for superior performance with traditional appearance. Because of its strength, watertightness, and aesthetics, FIELD-LOK meets the new stringent building codes and specifications and is suitable for a wide range of climatic conditions. The extra high locked standing seam adds structural integrity to the roof system.

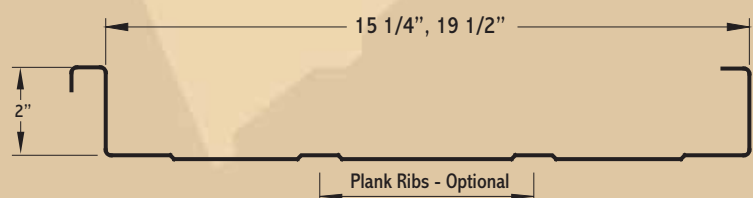
	2 3/8" Field-Lok Panel
SKU:	FLS137, FLS180
Gauge:	.032, .040 Aluminum, 24, 22* ga. Metallic Coated Steel, 24*, 22* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	13 3/4", 18" (Specify with or without stiffening ribs)
Panel Length:	Cut to customer specifications with a min. of 4'-0", max. to transportation limitations
Seam Height:	2 3/8"



The FLR series is a mechanical field seamed panel system. The double locked structural panel can meet severe load requirements. For aesthetic reasons or personal preference, the panel can be seamed with a single fold displaying a broader seam. The single fold meets the needs for a structural panel, while providing the practicality of a weathertight roof. The panel system is installed with a sliding dip.

	2" Field-Lok Panel
SKU:	FLR154, FLR195
Gauge:	.032 Aluminum, 24, 22* ga. Metallic Coated Steel, 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	15-1/4", 19-1/2"
Panel Length:	Cut to customer specifications with a min. of 4'-0", max. to transportation limitations
Seam Height:	2"

	Field-Lok Panel Standards
Texture:	Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum Pitch:	1/2:12
Optional Sealant is available for all panels	
Available with or without stiffening (2 3/8")/ plank(2") ribs	
Inquire for availability	



FIELD-LOK™

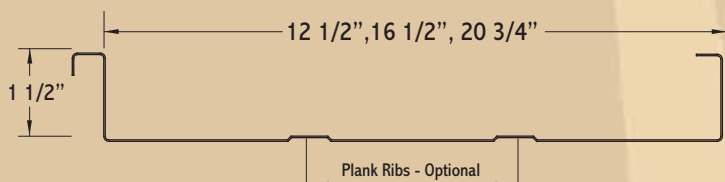


Installed with a sliding dip, the 1 1/2" Field-Lok panel is a non-structural double locked roof panel. The FLM series is mechanically seamed in the field and provides the traditional appearance of standing seam. Plank ribs are optional. The FLM series may also be curved, but plank ribs are not available when the panels are curved. The panel is installed with a sliding dip. Contact ATAS for radius limitations.

	1 1/2" Field-Lok Panel
SKU:	FLM125, FLM165, FLM207
Gauge:	.032 Aluminum, 24 ga. Metallic Coated Steel, 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	12-1/2", 16-1/2", 20-3/4"
Panel Length:	Cut to customer specifications with a min. of 4'-0", max. to transportation limitations
Seam Height:	1 1/2"

Field-Lok Panel Standards

Texture:	Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum Pitch:	2:12 depending on climate conditions
Optional Sealant is available for all panels	
Available with or without plank ribs	
Inquire for availability	



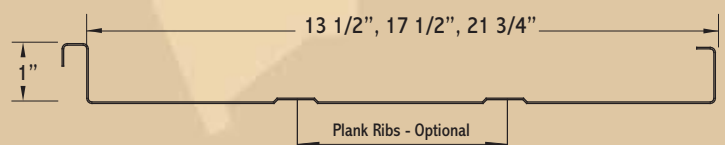
With a 1" high seam FLL is a non-structural double-locked roof panel. FLL has passed industry performance tests in accordance with UL 580 Class 90. It can be curved (FLX) for special accents, or over entrances and walkways. The panel system is installed with either a sliding or fixed dip.

	1" Field-Lok Panel
SKU:	FLL135, FLL175, FLL217
Gauge:	.032 Aluminum, 24 ga. Metallic Coated Steel, 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	13 1/2", 17 1/2", 21 3/4"
Panel Length:	Cut to customer specifications with a min. of 4'-0", max. to transportation limitations
Seam Height:	1"

Both 1 1/2" and 1" Field-Lok Panels can be curved. Contact factory for radius limitations.

For aesthetic reasons or personal preference, the panel can be seamed with a single fold displaying a broader seam.

The FLL system can be installed with a fixed or sliding dip.



PC™ Snap-On system



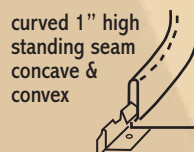
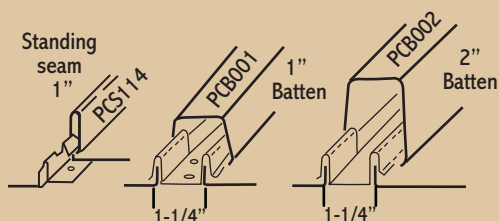
The PCsystems consist of two parts. The Seam is snapped over the dips concealing the fastening system. With the Batten style, the system is installed with a spacer dip and is snapped in place. The PCsystems are not structural panels and must be applied to a solid substrate. PCpanels can be used for tapered and curved installations.

PC Pan SKU:	PCP110, PCP120, PCP150
PC Seam SKU:	FCS114
PC Batten SKU:	PCB001, PCB002
PC Copper SKU:	PCP147
Gauge:	.032 and .040 Aluminum, 24 ga. Metallic Coated Steel 16 oz. Copper (PCP147 only)
Pan Widths:	11 1/4", 12 5/8", 14 5/8"*, 15 1/4"
Panel Length:	Cut to customer specifications with a min. of 3'-0", max. to transportation limits
Seam Height:	Standing Seam 1", Batten Seam 1" x 1 1/2" and 2" x 1 1/2", Curved 1" standing seam only
Texture:	Embossed, Smooth
Available:	Straight, Tapered, Convex, or Concave
Finish:	KYNAR500® or HYLAR5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Minimum Pitch:	3:12 * - Copper Only Inquire for availability

Curved PC™ System

CURVED PCSYSTEM, (FCX, FCM) is a standing seam panel consisting of a SNAP-ON SEAM with concealed dip and fastener system. The panel comes in 11 1/4", 12 5/8", 14 5/8" (Copper Only) and 15 1/4" standard widths. Custom widths are available. The panel system can be curved in concave or convex styles. Choice of smooth or embossed finish with a selection of 30 colors. Base metal is 24 gauge Metallic Coated Steel, .032 or .040 Aluminum with a KYNAR500® or HYLAR5000® coating and Copper.

Curved PCSKU:	FCX, FCM
Gauge:	.032 or .040 Aluminum, 24 ga. Metallic Coated Steel
Pan Widths:	11 1/4", 12 5/8", 14 5/8" (copper only), 15 1/4"
Panel Length:	Cut to customer specifications with a min. of 3'-0", max. to transportation limits
Seam Height:	1"
Texture:	Embossed, Smooth
Curve:	Convex or Concave
Finish:	KYNAR500® or HYLAR5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Minimum Pitch:	3:12 Inquire for availability



MINIMUM RADIUS:
Convex 2'-9"
Concave 4'



Advanta, a simulated dimensional shingle, is easily installed from eave to ridge with concealed fasteners. The shingle has prepunched direct fastening points, with a four-way interlock for weathertightness. It is lightweight, allowing installation over an existing roof without the need for tear-off and disposal*. Typical applications for Advanta are roofs on either commercial or residential buildings, walls, and mansards.

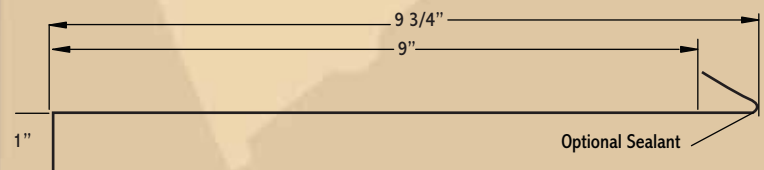
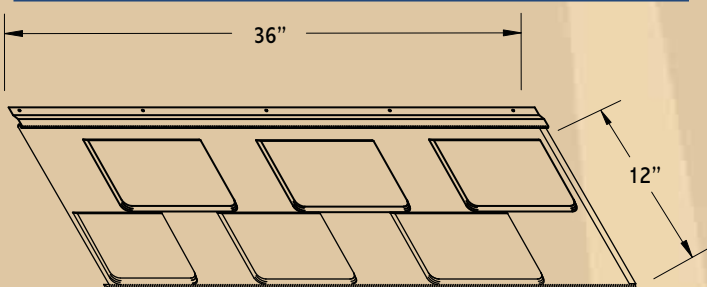
*- Subject to Local Codes

SKU:	HAS300; A steep slope, non-structural shingle
Gauge:	29 ga. Metallic Coated Steel 16* oz. Copper
Panel Size:	*Subject to minimum quantities and lead time 12" by 36" exposed
Texture:	Embossed
Finish:	KYNAR 500® or HYLAR 5000®
Color:	10 standard colors: Mission Red, Forest Green, Char Brown, Sierra Tan, Slate Grey, Rocky Grey, Redwood, Bone White, Coppertone, Brite Red and 6 designer colors -ADVANTA® AMERICANA SERIES
Accessories:	A complete line of trims available in matching colors
Fasteners:	Concealed fasteners
Minimum Pitch:	3:12 Inquire for availability

Rumba Shake, a Bermuda style roof panel, is easily installed from eave to ridge with concealed fasteners and dips. It is lightweight, allowing installation over an existing roof without the need for tear-off and disposal*. Typical applications for the Rumba Shake are roofs on either commercial or residential buildings with a minimum pitch of 4:12; also suitable for walls, and mansards

*- Subject to Local Codes

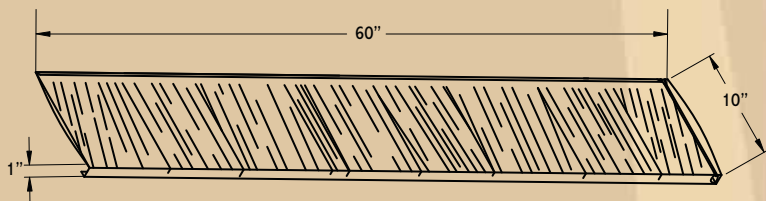
SKU:	HBS090
Gauge:	.032, .040* Aluminum, 24, 22* ga. Metallic Coated Steel, 16* oz. Copper; 24* 55% Al-Zn alloy coated Steel with acrylic coating
Panel Size:	*Subject to minimum quantities and lead time 9 3/4" by 12' or 20'-0"
Texture:	Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Color:	30 standard colors
Anodized:	Clear, Dark Bronze
Accessories:	A complete line of trims available in matching colors
Fasteners:	Concealed fasteners and dips
Minimum slope:	4:12 Inquire for availability





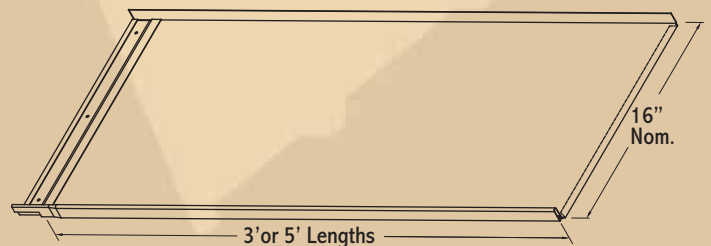
PermaShake panels simulate the look of wood grained shingles, without the maintenance problems associated with such a roof. Metal shake panels have the advantage of fire resistance and will not crack, split, warp, or rot. Panels are installed from eave to ridge with concealed fasteners. Panels should be staggered for a natural appearance. The interlocking modules are fastened with an anchor clip and lock system. Typical applications for PermaShake are commercial roofing and mansards, with a recommended minimum pitch of 5:12.

SKU:	HPS106; A steep slope, non-structural shingle
Gauges:	.032 Aluminum
Panel Size:	60" by 10"
Texture:	Wood Grain
Finish:	KYNAR 500® or HYLAR 5000®
Color:	30 standard colors
Accessories:	A complete line of trim is available in matching colors
Fasteners:	Concealed fasteners and dips
Minimum pitch:	5:12
	Inquire for availability



Standing Seam Shingles are elegant in their style, and feature a four-way interlock to insure weathertightness. These panels are installed with concealed fasteners from eave to ridge, over solid substrate. Seams are staggered to give an attractive appearance. The metal roof allows for snow and ice to slide off easily, thus preventing damage from freeze and thaw cycles. Standing Seam Shingles meet all specifications for International Building Code. Typical applications for the Standing Seam Shingle are mansards, entryways, commercial and residential roofs with a minimum recommended slope of 4:12.

SKU:	HSS163 (36"), HSS166 (60")
Gauge:	.032 Aluminum, 16 oz. Copper 29 ga. Metallic Coated Steel,
Panel Size:	16" by 36" or 60"
Texture:	Smooth only
Finish:	KYNAR 500® or HYLAR 5000®
Color:	30 standard colors available in .032 Aluminum; 7 standard colors in 29 ga. Steel: Mission Red, Forest Green, Char Brown, Serra Tan, Slate Grey, Rocky Grey, Coppertone
Accessories:	A complete line of trim is available in matching colors
Fasteners:	Concealed fasteners & dips
Minimum pitch:	4:12
	Inquire for availability



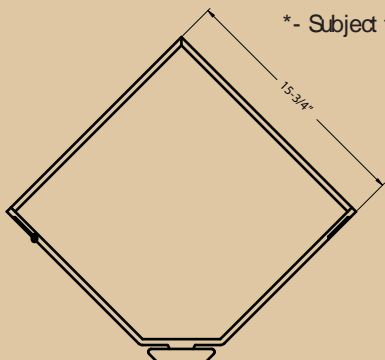
CastleTop®



CastleTop is a diamond-shaped flat metal tile for a unique roof appearance. Easy to install from eave to ridge with concealed fasteners. An expanded polystyrene backer board gives strength to allow for foot traffic during installation. In some cases, the shingles may be applied directly over the existing roof, eliminating the need for tear-off and disposal*. Different colors may be combined to create interesting patterns. CastleTop may be used for commercial or residential roof applications with a recommended minimum slope of 3:12; also suitable for walls, and mansards.

SKU:	HCT160
Gauge:	.032 Aluminum, .028 Zinc, 16 oz. Copper
Panel Size:	15 3/4" by 15 3/4"; actual exposure is 13 1/2" by 13 1/2"
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Texture:	Embossed (Aluminum only), Smooth (Copper and Zinc only)
Color:	30 standard colors in aluminum only
Accessories:	A complete line of trim (ridge, hip, valley, edge) is available in matching colors
Fasteners:	Concealed fasteners
Minimum pitch:	3:12 Inquire for availability

*- Subject to Local Codes



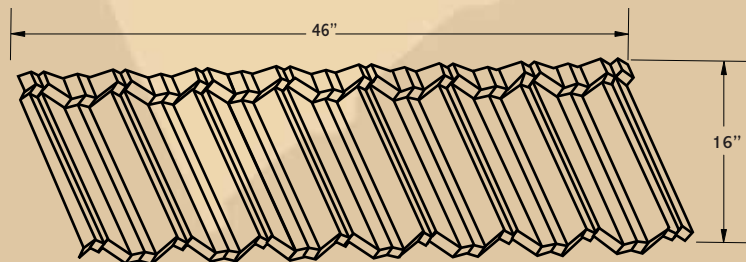
GRANUTILE



Granutile is a simulated modular low tile panel with a unique 3-dimensional granular surface. The panel is installed ridge to eave, and is easily stocked and handled. The panel is coated with crushed stone chips with an acrylic over-glaze. Granutile can be used for re-roofing or for new construction over a batten system. It is lightweight, allowing installation over an existing roof without the need of tear-off and disposal*. The airspace between roof deck and panel will increase the insulation value, consequently lowering utility bills. Typical applications for Granutile are commercial and residential roofing with a recommended minimum pitch of 3:12, and mansards.

*- Subject to Local Codes

SKU:	HGT144
Actual Size:	46" x 16" with a 7 tile design repeat.
Exposure:	43.75" x 14.5"; 4.4 sq. ft./ panel
Gauge:	Base metal is AZ 50 55% Al-Zn alloy coated Steel
Weight:	140 lbs per 100 sq. ft. approx. 6 lbs per panel
Granules:	Colored ground stone sealed with a clear polymer.
Colors:	Mahogany, Charcoal, Granite, Forest Green, Midnight Blue, Mission Red, Terra Cotta, Timberwood, Weathered Wood, Slate
Minimum Pitch:	3:12 Inquire for availability



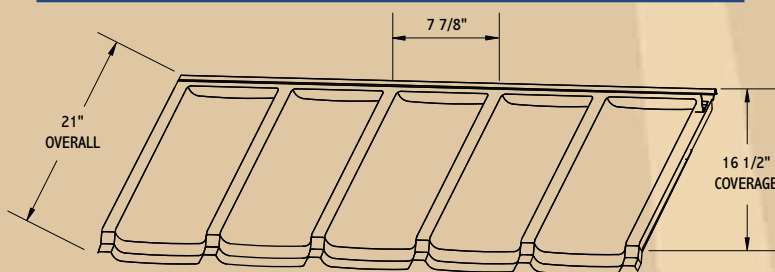
Scan Roof



ScanRoof, a scalloped tile with a Northern European flair, is an easy to install metal roof panel. The panels are structural, practical and economically efficient for any project. ScanRoof is the ideal roofing system to stand up against Mother Nature's storms, typhoons, hurricanes, damaging winds and driving rains. The panel is installed horizontally, from eave to ridge, on an open frame system, or solid deck. ScanRoof has a 2" integral Z purlin allowing for air flow between the panel and substrate. It is lightweight, allowing installation over an existing roof without the need for tear-off and disposal*. Typical applications for ScanRoof are commercial and residential roofing with a recommended minimum pitch of 3:12; also suitable for mansards.

*- Subject to Local Codes

SKU:	SCP163; Structural Tile
Gauge:	24 ga. Metallic Coated Steel
Panel Width:	21" (16 1/2" exposed)
Panel Length:	13'-10" (13'-2" exposed)
Texture:	Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Color:	26 standard colors
	Premium Finishes are not available
Accessories:	Same gauge and finish as the panel or as specified.
Minimum pitch:	3:12
	Inquire for availability



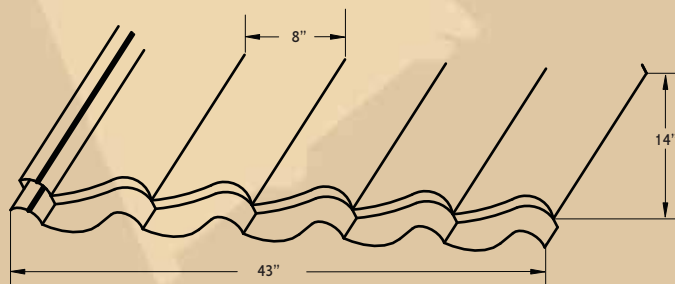
Techo Tile



Techo Tile is a metal panel with a deep configuration in the form of an "S" or Spanish tile. The panel is installed vertically up the slope of the roof, with exposed fasteners, on either an open frame or solid substrate underlayment. It is lightweight, allowing installation over an existing roof without the need for tear-off and disposal*. Typical applications for Techo Tile are commercial and residential roofing with a recommended minimum pitch of 3:12, and mansards. Techo Tile has the look of a day tile roof without the problems associated with its care.

*- Subject to Local Codes

SKU:	SCT400
Gauge:	.032 Aluminum
Panel Width:	43" (40" exposed)
Panel Length:	Cut to customer specifications with a min. of 18 1/2", max. to transportation limitations
Texture:	Glazed (Smooth), Traditional (Embossed)
Finish:	KYNAR 500® or HYLAR 5000®
Color:	30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum pitch:	3:12
	Inquire for availability

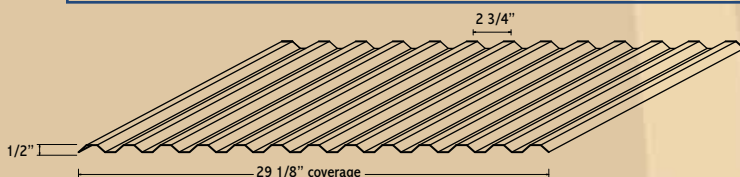


Grand Series

Grand C

The Grand Series Panels provide an economical solution to the metal roofing and metal siding needs of today. Panels are designed for use over solid substrates or open framing with support members spaced a maximum of 24 inches on center. Typical applications include walls, fascias, mansards, equipment screens, and some limited roofing, with a minimum pitch of 3:12.

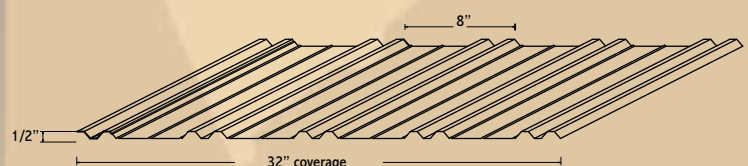
SKU:	BWF290
Gauge:	.032* Aluminum 29 ga. Metallic Coated Steel
Panel Width:	29 1/8"
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to 20'-0".
Panel Height:	1/2"
Texture:	Embossed only
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 7 standard colors Char Brown, Mission Red, Sierra Tan, Forest Green, Rocky Grey, Brite Red, and Slate Grey
Accessories:	Same gauge and finish as the panel or as specified.
Applications:	Roof, Siding, Ceilings, Mansards, and Screen Wall
Minimum pitch:	3:12 * Subject to minimum quantities and lead time Inquire for availability



Grand V

Grand Series Panels provide an economical solution to the metal roofing and metal siding needs of today. Produced from high quality materials that meet the requirements of the MCA Certification Program for Metal Roofing Panels. Panels are designed for use over solid substrates or open framing with support members spaced a maximum of 24 inches on center. Typical applications include walls, fascias, mansards, equipment screens, and some limited roofing, with a minimum pitch of 3:12.

SKU:	BWV320
Gauge:	.032* Aluminum 29 ga. Metallic Coated Steel
Panel Width:	32"
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to 20'-0"
Panel Height:	1/2"
Texture:	Embossed only
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 7 standard colors Char Brown, Mission Red, Sierra Tan, Forest Green, Rocky Grey, Brite Red, and Slate Grey
Accessories:	Same gauge and finish as the panel or as specified.
Applications:	Roof, Siding, Ceilings, Mansards, and Screen Wall
Minimum pitch:	3:12 * Subject to minimum quantities and lead time Inquire for availability



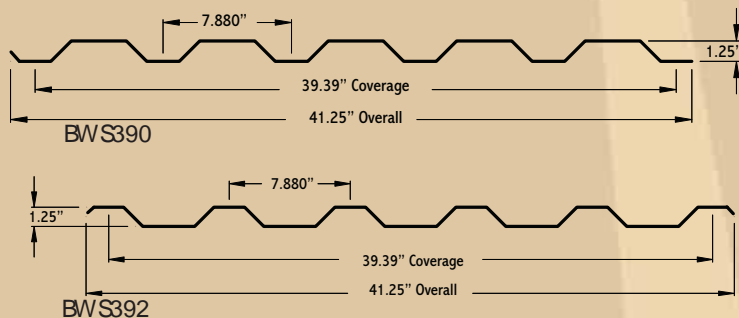


This is not just a wall panel
THIS IS A SOLAR COLLECTOR AND
FRESH AIR HEATING SYSTEM
DARK COLORS WORK BEST FOR HEAT
ABSORPTION.

Preferred InSpire colors: Black, Classic Bronze, Regal Blue and Redwood

FUNCTION OF THE INSPIRE WALL SYSTEM

The InSpire wall panel, a transpired solar collector, is mounted a few inches from the building's outer wall. The precision perforations in the wall panels allow outside air to travel through the face of the panel. Solar heated air at the surface of the panel is drawn through the perforations where it rises between the two walls and enters the building's ventilation system. The InSpire wall panel also helps to cool in the summer by preventing normal solar radiation from striking the building's main wall. Hot air is thermally siphoned up the wall and vented through holes at the top of the system, leaving the main wall cool. By-pass dampers in the summer allow fresh air to be drawn into the building, maintaining indoor air quality.

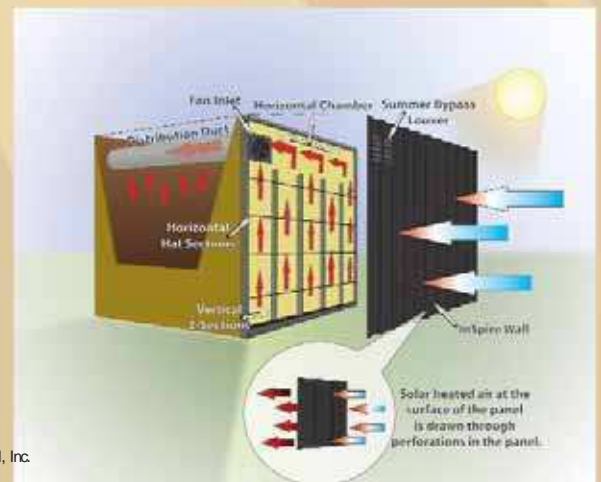


- Heats Fresh Air
- Utilizes Free Solar Energy
- Lowers Heating Costs by \$1.50-\$5.50 per sq. ft. of Panel per year
- Contributes toward potential LEED® Credits
- Destratification of Indoor Air
- Payback Generally within 3-8 Years
- Tax Incentives
- Reduces Incoming Drafts
- Reduces "Sick Building Syndrome"
- Converts up to 80% of Solar Energy
- Recaptures Heat Loss through Walls
- Can be Used for Crop Drying
- Helps to Cool in Summer

"Transpired Collectors provide the most reliable, best performing, and lowest cost solar heating for commercial and industrial buildings available on the market today."

- US Department of Energy

The InSpire wall panel is available in .032 Aluminum and .027 Zinc.
 * 31 1/2" coverage for Zinc. Inquire for availability



metafortm

arc-metafortm

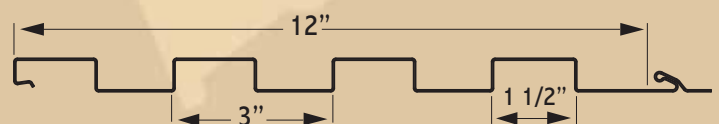
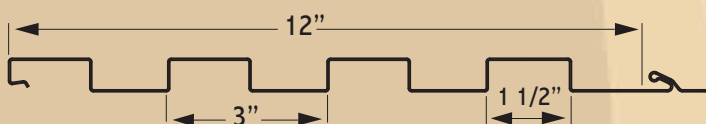


Metafor (MFP120) is a structural panel with a ribbed appearance and a concealed fastening system. The texture of the panel is either smooth or stucco embossed. Metafor may be installed horizontally or vertically and is lightweight, but strong, and it can be applied directly to solid decking or open framing. Typical applications for this panel are walls, ceilings, fascias, mansards, equipment screens, and soffits. It may also be used for walkways, balconies, entrances, and vestibules.

SKU:	MFP120
Gauge:	.032, .040, .050 Aluminum
Panel Width:	12"
Panel Length:	Cut to customer specifications with a minimum of 2'-0", maximum to transportation limitations
Panel Height:	5/8"
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified. Inquire for availability

ARC-METAFOR (MFX120 & MFP120) is a 12" structural ribbed panel with Wind-LokTM fastening system in convex or concave form. The panel is available in .032 aluminum in 30 colors; or clear and bronze anodized. The ARC-METAFOR panel can be installed in a vertical or horizontal fashion.

Convex SKU:	MFX120, minimum radius 5'-9"
Concave SKU:	MFP120, minimum radius 10'-0"
Gauges:	.032 Aluminum
Width:	Architectural ribbed panel with 4-up, 4-down ribs
Length:	Cut to customer specifications with a minimum of 4'-0" & maximum to transportation limitation
Height:	5/8"
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze in .032 Aluminum
Color:	30 Standard colors Inquire for availability

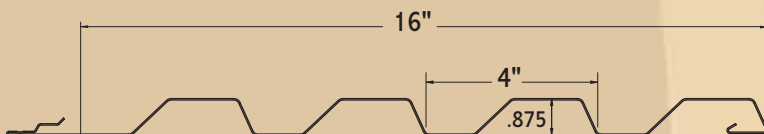


Rigid-Wall™



Rigid-Wall (MFR160) is a structural wall panel, with a dramatic shadow line created by the ribs. The panel can be installed vertically or horizontally with concealed fasteners over open framing or solid substrate. The direct fasteners eliminate the use of dips in the installation procedure, and provide savings on material and labor. Ideal applications are mansards, equipment screens and walls.

SKU:	MFR160
Gauge:	.032, .040, .050 Aluminum 24, 22, 20*, 18 ga. Metallic Coated Steel 22*, 20*, 18* ga. 55% Al-Zn alloy coated Steel with acrylic coating
Panel Width:	16" with 1 5/8" ribs
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to transportation limitations
Panel Height:	7/8"
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified. *Subject to minimum quantities and lead time Inquire for availability

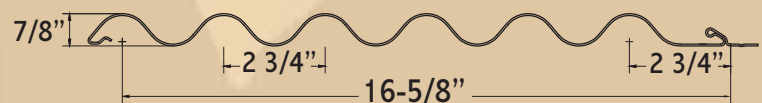


Corra-Lok™



ATAS introduces Corra-Lok™, the new concealed fastener corrugated panel. Finally, the beauty of a corrugated line without the unsightly fasteners! Corra-Lok™ panels have a positive panel-to-panel interlock with Metafor and the Multi Purpose System for the ability to create interesting patterns and breaks. The hook and pull design allows for quick and easy installation, while the fasteners are hidden by the consecutive panel.

SKU:	MFC160
Gauge:	.032, .040*, .050 Aluminum 24, 22* ga. Metallic Coated Steel 16* oz. Copper
Panel Width:	16 5/8"
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to transportation limitations
Panel Height:	7/8"
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified. *Subject to minimum quantities and lead time Inquire for availability

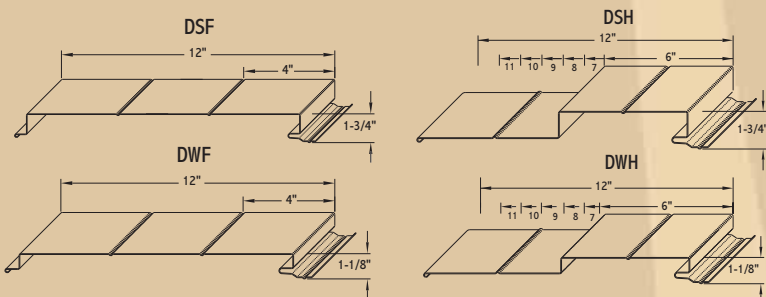


Design WallTM



The Design Wall System is a structural panel with (optional) Louvered style venting. It consists of a 12" wide panel in two distinct profiles: a smooth panel and a "board" panel. The "board" panel has an upside of 6" which may extend in 1" increments. It may be installed horizontally or vertically. Typical applications for this panel are walls, soffits, fascia, or equipment screens.

SKU:	DSF, DWF, DSH, DWH
Gauge:	.032, .040, .050 Aluminum 24, 22* ga. Metallic Coated Steel 24, 22* ga. Al-Zn coated Steel with acrylic coating
Panel Width:	12" (Specify with or without stiffening ribs)
Panel Length:	Cut to customer specifications with a minimum of 3'-0", maximum to transportation limitations
Panel Height:	1-1/8" or 1-3/4"
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
* Subject to minimum quantities and lead time Inquire for availability	

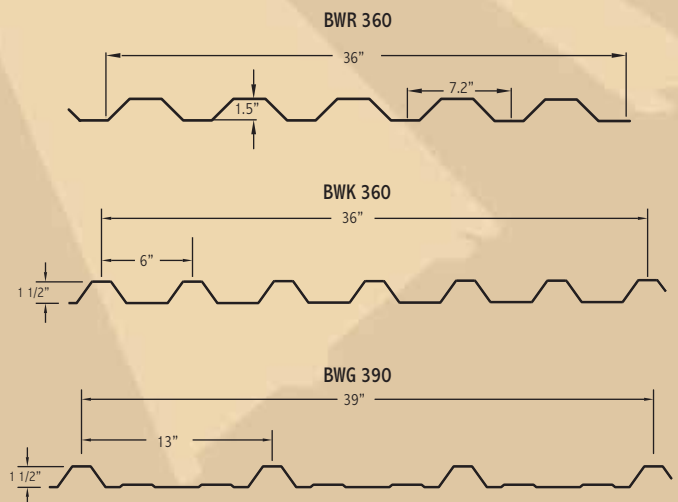


BelvedereTM



Belvedere wall panels are structural in nature and can be installed either on solid substrate or open framing. Belvedere Series is made up of 5 panels - Rlb Panel, Short Rlb Panel, Grand RPanel, Spanwall, and Corrugated.

SKU:	BWR360, BWK360, BWG390
Gauge:	.032, .040, .050 (BWR360 only) Aluminum 24, 22* ga. Metallic Coated Steel 24*, 22*, 20* ga. 55% Al-Zn coated Steel with acrylic coating
Panel Width:	36" - Rlb - BWR360, Short Rlb - BWK360 39" - Grand R - BWG390
Panel Length:	Cut to customer specifications with a minimum of 6'-0" maximum to transportation limitations
Panel Height:	1 1/2"
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
* Subject to minimum quantities and lead time Inquire for availability	

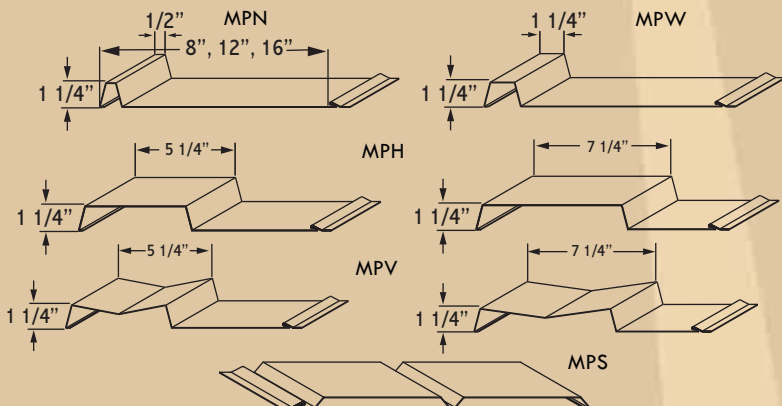


Multi-Purpose™ Panels



The variations of this profile start with the standing seam, to the "batten style", to the plank and barn board. The texture is either smooth or stucco embossed. A slight "V" is formed into the plank or barn board for a variance of style. The Multi-Purpose panels with the Wind-Lok application have a smooth, but sleek appearance with a concealed dipless fastening system. Typical applications include walls, fascias, mansards, equipment screens, and some limited roofing, with a minimum pitch of 3:12.

SKU:	MPN, MPW, MPH, MPV, MPS
Gauge:	.032, .040 Aluminum 24, 22* ga. Metallic Coated Steel
Panel Width:	8", 12", 16"
Panel Length:	Cut to customer specifications with a minimum of 2'-0", maximum to transportation limitations
Panel Height:	1 1/4"
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
*Subject to minimum quantities and lead time Inquire for availability	

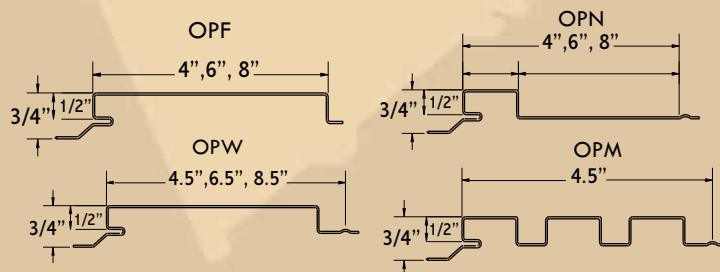


Opaline



The Opaline Series panel is a structural panel that can be installed on open framing and spans up to 2'-6" o.c. It can be applied to a solid substrate as well. It installs as a basic tongue and groove system with mechanical fasteners. The fasteners are hidden by the subsequent panel. Panels are available with smooth or stucco embossed texture. Ideal applications for Opaline are vertical fascias, soffits, ceilings or sign bands, alternative for E.I.F.S, laminated or extruded panels. The panel can be used in lieu of wide face flanging details.

SKU:	OPF, OPN, OPW, OPM
Gauges:	.032, .040 Aluminum 24 ga. Metallic Coated Steel
Widths:	OPF: 4", 6", 8" panels with flush surface OPN: 4", 6", 8" panels with 1" raised rib OPW: 4 1/2", 6 1/2", 8 1/2" panels with 1/2" reveal OPM: 4-1/2" panel with three 1" wide ribs at 1 1/2" o.c.
Length:	Cut to customer specifications with a minimum of 1'-6" with a maximum to transportation limit
Height:	3/4"
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	30 standard colors Inquire for availability

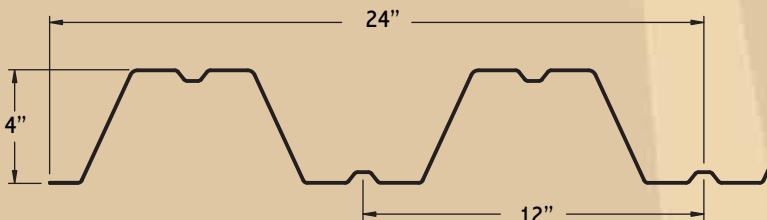


Span Wall



The SPANWALL is a structural wall panel which offers design freedom for all types of buildings. The panel can be installed horizontally or vertically on solid substrate or spaced framing. Texture is either smooth or embossed depending on gauge of material. Typical applications for SPANWALL are walls, equipment screens and mansards.

SKU:	BWS240
Gauge:	.032 (embossed only), .040, .050 Aluminum 24 (embossed only), 22*, 20*, 18* Metallic Coated Steel
Panel Width:	24"
Panel Length:	Cut to customer specifications with a minimum of 9'-0", maximum to transportation limitations
Panel Height:	4"
Texture:	Embossed, Smooth (depending on material)
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified. *Subject to minimum quantities and lead time Inquire for availability

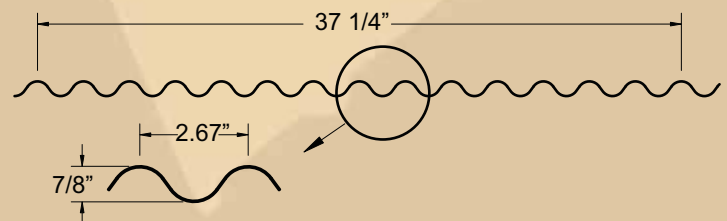


Corrugated Panel



The Corrugated Panel is the traditional, economical wall or roof panel. It is installed horizontally or vertically with exposed fasteners. The panel is available in smooth or stucco embossed texture, depending on material. Ideal applications are curved with a minimum radius of 10'-0", walls, mansards and equipment screens.

SKU:	BWC374, Curved- BWX374, BWV374
Gauge:	.032, .040, .050 Aluminum 24, 22*, 20*, 18* ga. Metallic Coated Steel 16* oz., 20* oz. Copper 18*, 20*, 22*, 24 ga. 55% Al-Zn alloy coated Steel with acrylic coating
Panel Width:	37 1/4"
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to transportation limitations
Panel Height:	7/8"
Texture:	Embossed, Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified. *Subject to minimum quantities and lead time Inquire for availability

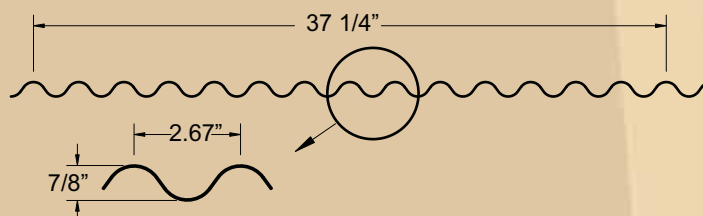


Curved Corrugated Panel



This panel has 37 1/4" wide coverage and can be curved convex, concave, horizontal or vertical. Convex and concave styles are machine curved. Vertical styles are simple wrap-arounds, overlapping or nesting at sides. Horizontal curve would be machine curved. Contact factory for horizontal curving applications. Minimum radius is 10'-0". Materials available: .032, .040, .050 Aluminum; 22* gauge Metallic Coated Steel. Special materials: 16* and 20* oz. Copper; 20*, 24*, 22* ga. 55% Al-Zn alloy coated Steel with acrylic coating.

SKU:	BWV374, BWV374
Gauge:	.032, .040, .050 Aluminum 24, 22*, 20*, 18* ga. Metallic Coated Steel 16* oz., 20* oz. Copper 18*, 20*, 22*, 24 ga. 55% Al-Zn alloy coated Steel with acrylic coating
Panel Width:	37 1/4"
Panel Length:	Cut to customer specifications with a minimum of 6'-0", maximum to transportation limitations
Minimum Radius:	10'-0"
Panel Height:	7/8"
Texture:	Smooth, Embossed
Finish:	KYNAR 500® or HYLAR 5000®
Anodized:	Clear, Dark Bronze
Colors:	Choice of 30 standard colors *Subject to minimum quantities and lead time Inquire for availability

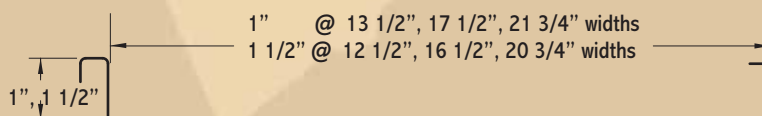


Curved Standing Seam



CURVED STANDING SEAM, (FLX) is a convex panel with concealed dip and fastener system. Mechanically field locked seam gives increased weathertightness. This system is available in 1 1/2" and 1" seam heights. The minimum radius for steel is 28'; for Aluminum, 16'. Materials available: .032 Aluminum; 24 gauge Metallic Coated Steel.

SKU:	FLX
Gauge:	.032 Aluminum, 24 ga. Metallic Coated Steel, 24* ga. 55% Al-Zn alloy coated Steel with acrylic coating <i>*Subject to minimum quantities and lead time</i>
Panel Width:	1"- 13 1/2", 17 1/2", 21 3/4" 1 1/2" - 12 1/2", 16 1/2", 20 3/4"
Panel Length:	Cut to customer specifications with a min. of 2'-0", max. to transportation limitations
Seam Height:	1" or 1 1/2"
Texture:	Field-Lok Panels Standards Smooth
Finish:	KYNAR 500® or HYLAR 5000®
Colors:	Choice of 30 standard colors
Accessories:	Same gauge and finish as the panel or as specified.
Minimum Pitch:	2:12 depending on climate conditions Optional Sealant is available for all panels Inquire for availability



Linear Ceiling™

Wind-Lok™ Soffit Panel



Box Style SKU: LCB338, LCB738, LCB120
 Round Edge SKU: LCR338, LCR738, LCR120
 Gauge: .019, .024, .032 Aluminum
 Panel Width: 3 3/8", 7 3/8", or 11 3/8"
 Panel Length: Cut to customer specifications with a min. of 4'-0" and a max. of 45'-0"
 Panel Height: 5/8"
 Texture: Smooth
 Anodized: Clear, Dark Bronze
 Colors: Choice of 30 standard colors in KYNAR 500® or HYLAR 5000® in .032 Aluminum; 6 colors available with Polyester Finish in .019 Aluminum; .024 Aluminum white only in Polyester finish.
 Accessories: Suspended carrier, flush or recessed filler strips
 Inquire for availability

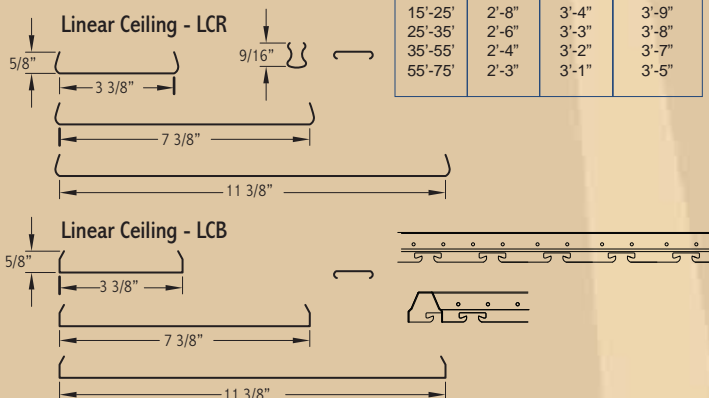
Wind-Lok Soffit Panels allow air circulation, and reduce condensation. They are installed by the patented "hook, pull and fasten" system, which allows for quick and easy installation, with concealed fasteners. Panels may be solid or vented. Typical applications for Wind-Lok are wide overhangs and ceilings on porches, breezeways, carports and patios.

SKU: MPS120, MPV120
 Gauge: .019, .024, .032 Aluminum
 Panel Width: 12"
 Panel Length: Standard length is 12'-0", special lengths are available with a 8'-0" minimum
 Panel Height: 3/8"
 Texture: Embossed, Smooth
 Anodized: Clear, Dark Bronze (MPS120 Only)
 Colors: Choice of 30 standard colors in KYNAR 500® or HYLAR 5000® in .032 Aluminum; 5 colors available with polyester finish in .019 Aluminum; Bone White in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish
 .024 Aluminum white only in polyester finish.
 Inquire for availability

CARRIER
 METAL: Aluminum
 GAUGE: .040
 LENGTH: Standard 12'
 SPLICES: Same as carrier

EXTERIOR APPLICATION SCALE

Height Above Ground	.020 Gauge Aluminum Panel		
	Carrier Spacing	Hanger Spacing	
		1 or 2 Spans	3 or more Spans
5'-15'	2'-11"	3'-6"	3'-11"
15'-25'	2'-8"	3'-4"	3'-9"
25'-35'	2'-6"	3'-3"	3'-8"
35'-55'	2'-4"	3'-2"	3'-7"
55'-75'	2'-3"	3'-1"	3'-5"



Structural ATA-Truss™



ATA-Frame™



Our structural U's are roll formed from galvanized steel or light-weight, heavy-duty aluminum. Although strong, these sturdy U's add a minimum of weight to the roof, mansard, or fascia structure. The HAT sections are used for the main frames and the installation rails. The U channels are used for cross-bars and connectors between the HATS. Installed with self-tapping screws, the applications are endless. The structural U and HAT sections or subgirt can be used effectively for framing and equipment screens. The design of actual framing should be reviewed and certified by a local engineer.

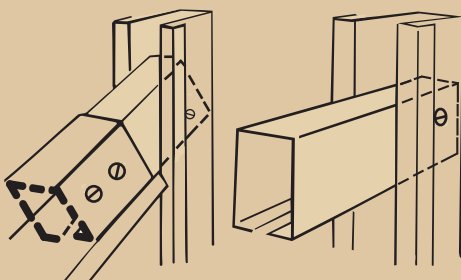
Material:	.050 Aluminum; 18 and 24 ga. Metallic Coated Steel
Shapes	Structural U's and Hat Sections & Subgirts
Lengths	Standard lengths 12' and 24'
Use:	Framing of mansard, fascia, soffit edge, and equipment screens.

ATA-Frame can be applied to almost any building and/ or roof. The easy installation can be accomplished with a minimal disruption for the tenants. The relatively light weight of the ATA-Frame and the metal roof panel add a minimum of dead load to the structure, possibly eliminating removal of the old roof. ATAS offers an extensive line of architectural and structural panel systems which can be applied to the ATA-Frame. This will allow ATAS to be the single source supplier for your project.

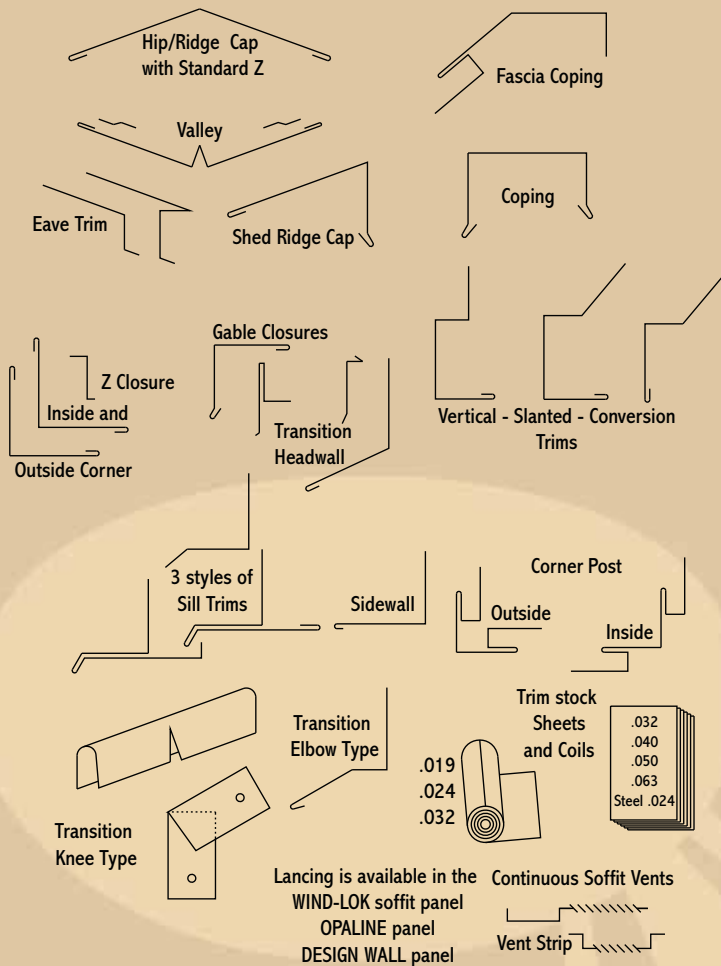
ATA-Frame gives freedom of design for equipment screens, wind screens, reroofing and penthouse enclosures.

Assembly Required

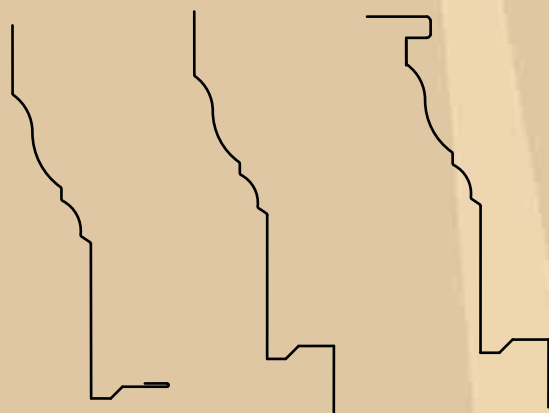
**SIMPLICITY - STRENGTH
VERSATILITY - LIGHTWEIGHT
CUSTOM ENGINEERED**



Examples of Custom Formed Accessories



Crown Line™ Decorative Trim



Crown Line™ trim has a seamless length of 12'-0". Specify size of substrate and type of application. Contact ATAS for dimensions.

Rainware

7" Box Gutter
.040 Aluminum
20 ft. length

Custom Box Gutter
.032, .040,
.050
Aluminum and
24 ga. Steel
12, 20, 40 ft. length

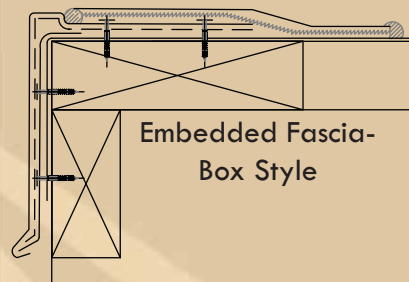
K Gutter
5" & 6"
.032 Aluminum
20 ft. length

Down Spout

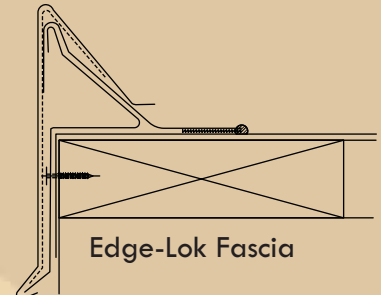


3" x 4" x 10'
.032 Aluminum

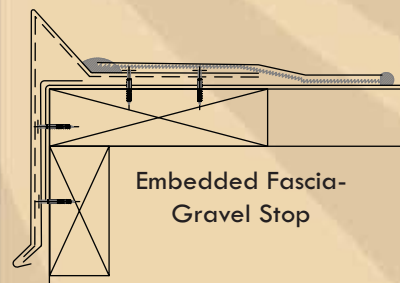
Perimeter Edge Trim



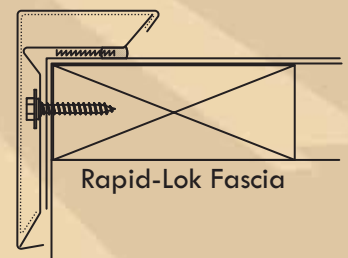
Embedded Fascia-Box Style



Edge-Lok Fascia

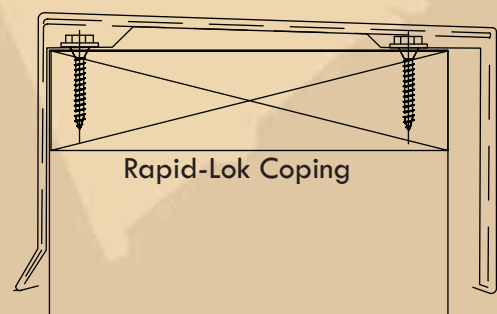


Embedded Fascia-Gravel Stop



Rapid-Lok Fascia

Available in aluminum or Metallic Coated steel. 30 standard colors in KYNAR500® or HYLAR5000® finish coordinate or contrast with any roof system.



Rapid-Lok Coping

ATAS Wall Panel Specifications

	Pg	SKU	Width to the Weather	Height/ Size Range	Gauge & Material Information below includes standards only. See product page for specials	Length+++ Min. Max.	Pitch	Test/ Rating ++++	Texture
Multi-Purpose	12	MP_	8" 12" 16"	1-1/4"	.032,.040 alum 24 ga steel	Customer Specify 2' +++	3:12	1-2-3-4-5-10-14-15-16-18	Smooth & Embossed
Opaline	12	OP_	4",6",8" 4-1/2", 6-1/2" 8-1/2"	3/4"	.032, .040, alum 24 ga steel	Customer Specify 1'-6" +++	Wall Only	1-10-15-16	Smooth & Embossed
Metafor	13	MFP120	12"	5/8"	.032, .040 .050 alum	Customer Specify 2' +++	3:12	1-10-15-16	Smooth & Embossed
Arc-Metafor	13	MFV120 MFX120	12"	5/8"	.032 alum	Customer Specify N/A	Min. rad. 5'-9" 10'-0"	1-10-15-16	Smooth & Embossed
Rigid Wall	14	MFR160	16"	7/8"	.032, .040,.050 alum	Customer Specify 6' +++	Wall Only	1-2-4-5-10-15-16	Smooth & Embossed
Corra-Lok	14	MFC160	16"	7/8"	.032, .050 alum 24 ga. steel	Customer Specify 6' +++	Wall Only	10-15-16	Smooth
Inspire	15	BWS390 BWS392	39-3/8"	1-1/4"	.032 alum .027 zinc	Customer Specify +++	Wall Only	1-10-16	Perforated
Design Wall	16	DSF120 DSH120 DWF120 DWH120	12"	1-3/4" 1-1/18"	.032, .040 alum 24 ga steel	Customer Specify 3' +++	Wall Only	1-2-4-5-10-15-16	Smooth & Embossed
Belvedere Wall Systems	16 & 17	BWS240 BWR360 BWK360 BWG390 BWC374	24" 36" 36" 39" 37-1/4"	4" 1-1/2" 1-1/2" 1-1/2" 7/8"	.032,.040 .050 alum 24 ga. steel	9' +++ 6' +++ 6' +++ 6' +++ 6' +++	Wall Only	1-2-4-5-10-15-16	Smooth & Embossed
Curved Corrugated	18	BWX374 BWV374	37-1/4"	7/8"	.032,.040, .050 alum 18, 20, 22 24 ga. steel	Customer Specify 6' +++	Min. rad. 10'	1-2-10-15-16	Smooth & Embossed
Curved Standing Seam	18	FLX_	See Field-Lok 1" and 1-1/2"	1" 1 1/2"	.032 alum 24 ga. steel	Customer specify 2' +++	Min. rad. 28' steel 16' alum	2-3-4-5-10-14-15-16	Smooth
Ceilings & Soffits	19	LCR_ LCB_ MPV120 MPS120	3-3/8" - 7-3/8" - 11-3/8" 12"	5/8" 3/8"	.019, .024, .032 alum	Customer specify 8' 45' 8' +++	N/A	1-10-15-16	Smooth Only Smooth & Embossed

Test/Rating Chart

- 1 Load Tables
- 2 UL 790/ ASTM E 108
- 3 UL 580
- 4 ASTM E 283
- 5 ASTM E 331
- 6 ASTM E 1646
- 7 ASTM E 1680
- 8 ASTM E 330
- 9 ICC ES Report
- 10 Field Tested
- 11 ASTM E 1592

- 12 PA100-95 (R&D Only)
- 13 UL 1897
- 14 UL 2218
- 15 ASTM E 84 Flame Spread Rating
- 16 Paint Perfm. Tests
- 17 ICBO AC166 Penetration
- 18 AAMA 501.1
- 19 Florida Product Approval
- 20 MCA Metal Roofing Certification

Notes:

- +++ The maximum length of the panels is restricted by the transportation limitations.
- ++++ Testing results, calculations and ratings available from the manufacturer. See chart. Not every panel in each panel category has been tested.

Final choice of materials and installation is the responsibility of the owner, architect and/or the owner's agent. ATAS International, Inc. cannot be held responsible for the ultimate selection or the installation of those materials. Due to slight stresses created by a variety of conditions, from atmospheric to installation, the panel may have a wavy appearance (oil canning) after installation. The greater the flat area of the panel, the greater is the potential for slight imperfections to be noticed. This condition is beyond ATAS International's control, consequently, oil canning, or distortion of the product, is not a valid reason for rejection of the materials. (Refer to ASTM E1514 and ASTM E1637.) ATAS reserves the right to modify, eliminate and/or change its products without prior notification.

KYNAR500® PVDF is a registered trademark of Arkema.

HYLAR5000® PVDF is a registered trademark of Solvay Solexis, Inc.

ATAS Roof Panel Specifications

	Pg	SKU	Width to the Weather	Height/ Size Range	Gauge & Material Information below includes standards only. See product page for specials.	Length+ + + Min. Max.	Pitch	Test/ Rating + + + +	Texture
Monarch Roof Systems	3	MRB120 MRB160	12" 16"	2"	.032, .040 alum 24 gauge steel	Customer Specify 4' + + +	2:12	1-2-3-4-5-10-14-15-16-20	Smooth & Stucco Emboss w/ or w/ o ribs
Dutch Seam	3	MRD110 MRD150 MRD194	11" 15" 19-1/4"	1-1/2"	.032, .040 alum 24 gauge steel	Customer Specify 2' + + +	2:12	1-2-3-4-5-8-10-11-14-15-16-17-18-19-20	Smooth & Stucco Emboss w/ or w/ o ribs
Field-Lok Panel 2-3/8"	4	FLS137 FLS180	13-3/4" 18"	2-3/8"	.032, .040 alum 24 gauge steel	Customer Specify 4' + + +	1/2:12	1-2-3-6-7-10-11-13-15-16-19-20	Smooth w/ or w/ o ribs
Field-Lok Panel - 2"	4	FLR154 FLR195	15-1/4" or 19-1/2"	2"	.032 alum 24 gauge steel	Customer Specify 4' + + +	1/2:12	1-2-3-4-5-10-11-14-15-16-20	Smooth w/ or w/ o ribs
Field-Lok Panel 1 1/2"	5	FLM125 FLM165 FLM207	12-1/2", 16-1/2" or 20 3/4"	1-1/2"	.032 alum 24 gauge steel	Customer Specify 4' + + +	2:12	2-3-4-5-10-11-13-14-15-16-20	Smooth w/ or w/ o ribs
Field-Lok Panel - 1"	5	FLI135 FLI175 FLI217	13-1/2", 17-1/2" or 21-3/4"	1"	.032 alum 24 gauge steel	Customer Specify 4' + + +	2:12	2-3-10-13-14-15-16-20	Smooth w/ or w/ o ribs
PC Systems	6	PC_	11-1/4", 12-5/8", 14-5/8", or 15-1/4"	PCS 1" PCB 1" or 2"	.032, .040 alum 24 gauge steel	Customer Specify 3' + + +	3:12 Min. rad. 2'-9" 4'	2-3-4-5-10-14-15-16-20	Smooth & Embossed
Advanta Shingle	7	HAS300	12" x 36"	1/2"	29 gauge. steel	Modular	3:12	2-9-10-13-14-15-16-17-19-20	Stucco Emboss
Rumba Shake	7	HBS090	9"	1"	.032 alum 24 gauge steel	Customer Specify 12' 20'	4:12	1-2-4-5-10-11-14-15-16	Smooth
Permashake	8	HPS106	10" x 60"	1"	.032 alum	Modular	5:12	10-12-15-16-17	Wood Grain
Standing Seam Shingle	8	HSS163 HSS166	16" x 36" 16" x 60"	1"	.032 alum 29 gauge steel 16 oz copper	Modular	4:12	2-10-12-14-15-16-17-20	Smooth
CastleTop Shingle	9	HCT160	13-1/2" x 13-1/2"	1/2"	.032 alum 16 oz. copper .028 zinc	Modular	3:12	2-10-12-13-14-15-16-17-19-20	Smooth & Embossed
Granutile	9	HGT144	43-3/4" x 14-1/2"	1"	Stone coated steel	Modular	3:12	2-3-10-12-13-15-17-19	Stone Coated
Scanroof	10	SCP163	13'-2" x 16-1/2"	From 1" rib to 2" purlin	24 gauge steel	Modular	3:12	2-3-9-10-14-15-16-17-19-20	Smooth
Techo Tile	10	SCT400	40" wide	2-5/8"	.032 alum	Customer Specify 18-1/2" + + +	3:12	2-3-10-12-13-14-15-16-17-19-20	Glazed & Traditional
Grand Series	11	BWV320 BWF290	32" 33"	1/2"	29 gauge steel	Customer Specify 6'-0" 20'-0"	3:12	10-15-16	Embossed

Finish: KYNAR 500® or HYLAR 5000®
Colors: See page 24. Not all colors are available in all gauges or metals. Please call to verify.
Weight/ 100sq. ft: For Aluminum, .032 appr. 65 lbs., .040 appr. 80 lbs., .050 appr. 100 lbs. For Steel, 24 gauge appr. 140 lbs.
Accessories: Coping, Roof Cap, Valley, T-Bar, Gutter, Eave Trim, Gable, Flashings, etc. Custom or Standard Formed, available in all gauges and metals. See Page 21
Applications: New or Retrofit, Roofs, Facades, Carports, Canopies, Store Fronts, Entranceways, Equipment Screens, Parapet Waterproofing.

ATAS International, Inc. roof and wall products have been tested in accordance with the most stringent standards specified by building code and industry organizations. Test reports for a variety of test standards, materials and assemblies are available, along with wind load tables. Contact ATAS support personnel to obtain appropriate information for your project. The Engineer and/or Architect should utilize this data in conjunction with knowledge of the local conditions to determine construction requirements for specific projects. They must verify that the roof or wall design will meet the requirements for all local codes of the individual projects.

GRANUTILE™ COLORS



MISSION RED (08)



CHARCOAL (62)



TERRA COTTA (32)



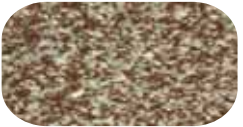
GRANITE (63)



TIMBERWOOD (33)



MAHOGANY (61)



WEATHERED WOOD (34)



MIDNIGHT BLUE (65)



SLATE (38)



FOREST GREEN (11)



CLASSIC BRONZE (01)



MEDIUM BRONZE (03)



DOVE GREY (13)



FOREST GREEN (11)



TEAL (19)



MINT GREEN (22)



BONE WHITE (26)



SIERRA TAN (09)



CONCORD CREAM (05)



SANDSTONE (06)



RAWHIDE (15)



PATINA GREEN (12)



REGAL BLUE (18)



BOYSENBERRY (25)



HARTFORD GREEN (27)



HEMLOCK GREEN (30)



REDWOOD (07)



MISSION RED (08)



CHOCOLATE BROWN (04)



BRITE RED (17)



SLATE BLUE (21)



SAM BLUE (14)



BLACK (02)



ASCOT WHITE (10)



ROCKY GREY (16)



SLATE GREY (20)

PREMIUM FINISHES



COPPERTONE (23)



SILVERSMITH (28)



CHAMPAGNE (31)



ANTIQUÉ PATINA (24)

ANODIZED



CLEAR (70)



DARK BRONZE (71)

MILL
FINISH



55% Al-Zn COATED
STEEL WITH ACRYLIC
COATING (97)

ADVANTA® AMERICANA SERIES



KODIAK ISLAND BROWN (47)



CAPE COD GREY (43)



GRAND CANYON RED (45)



SMOKEY MOUNTAIN GREY (42)



CAROLINA PINE GREEN (44)



MOJAVE DESERT TAN (46)

Colors are as close to the actual colors as modern printing allows. Exact color chips on request; this is a requirement for all premium colors. If you have requirements or preference for colors or finishes other than shown here, contact ATAS. ATAS is not responsible for colors selected from this chart. Color availability varies by material, gauge, and profile. ENERGY STAR® compliant colors available. Contact ATAS for more information. Drawings are not to scale.