ATAS International, Inc.
Sustainable Building Envelope Technology
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## ON THE COVER
Plaza Azteca | Newport News, VA | Techo Tile in Mission Red

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Private Residence
Allentown, PA
ScanRoof in Classic Bronze
Overview:

Metal tiles can add a unique aesthetic to your building’s roof without the product weight and maintenance issues associated with traditional roofing tiles.

ScanRoof is a scalloped tile offering distinctive international styling with modern metal advantages. It’s a structural steel panel that is easy-to-install and is the ideal roof system to stand up against Mother Nature’s storms, typhoons, hurricanes, damaging winds, and driving rains. ScanRoof is installed horizontally from eave to ridge, with panels being fully walkable throughout installation.

Techo Tile has the look of a Spanish tile clay roof without the problems associated with its care. The aluminum panels are installed vertically up the slope of the roof and utilize an anti-siphoning overlap design, preventing water migration at panel overlap. Due to the deep configuration in the form of an “S” in the Techo Tile panel profile, an air space allows for air flow between the panel and substrate, offering the potential for increased energy efficiency.

All tiles share the following specifications, unless otherwise noted:

Finish:
70% PVDF

Colors:
Choice of over 30 stock colors
Custom colors and finishes available*

Accessories:
A complete line of trims available in matching colors, gauge, and finish or as specified

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

Longevity Features:
• Resistant to high wind, torrential rain, heavy snow and ice loads
• Fire resistant - will not burn or support combustion
• May be an insurance advantage
• Will not warp, crack, or rot
• Industry leading long-term warranty
• High quality and time-proven painting and pretreatment technologies
• Aids in above sheathing ventilation
Application:
- Typical applications include commercial and residential roofing. ScanRoof is also suitable for mansards
- Installed horizontally from eave to ridge
- ScanRoof is excellent for re-roofing, eliminating the need for tear-off and disposal if conditions and local building codes allow

Performance Standards:
- Tested in accordance with UL 790/ASTM E 108, UL 580, TAS 125, TAS 100, UL 2218, ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- FBC Approval
- Metal Construction Association Certified Premium Painted
- Meets all specifications for International Building Code
- High reflectivity of panels which increases energy efficiency

SKU:
SCP163

Material:
24 ga. metallic coated steel

Tile Coverage:
16½" x 13'-2"

Texture:
Smooth

Minimum Slope:
3:12

Colors:
Over 25 stock colors (premium colors not recommended)
Custom colors available*

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

Private Residence
Bath, PA
ScanRoof in Brite Red

Material:
24 ga. metallic coated steel

Tile Coverage:
16½" x 13'-2"

Texture:
Smooth

Minimum Slope:
3:12

Colors:
Over 25 stock colors (premium colors not recommended)
Custom colors available*

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

Application:
- Typical applications include commercial and residential roofing. ScanRoof is also suitable for mansards
- Installed horizontally from eave to ridge
- ScanRoof is excellent for re-roofing, eliminating the need for tear-off and disposal if conditions and local building codes allow

Performance Standards:
- Tested in accordance with UL 790/ASTM E 108, UL 580, TAS 125, TAS 100, UL 2218, ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- FBC Approval
- Metal Construction Association Certified Premium Painted
- Meets all specifications for International Building Code
- High reflectivity of panels which increases energy efficiency
2" high integral Z purlin allows for air flow between the panel and substrate, offering the potential for increased energy efficiency.

Main anchorage concealed with exposed stitch screws joining the adjacent panel.

For more information: Visit www.atas.com/scanroof
Techo Tile utilizes an anti-siphoning overlap design, preventing water migration at panel overlap.

**Application:**
- Typical applications include mansards, commercial and residential roofing
- Lightweight and easy to install
- May be installed over an existing roof without the need for tear-off and disposal if conditions and local building codes allow

**Performance Standards:**
- Tested in accordance with UL 790/ASTM E 108, UL 580, TAS 125, UL 1897, TAS 100, PA 100-95 (R & D only), ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- FBC Approval
- Metal Construction Association Certified Premium Painted
- Meets all specifications for International Building Code
- High reflectivity of panels which increases energy efficiency

**SKU:**
- SCT400

**Material:**
- .032 aluminum

**Tile Coverage:**
- 14" Tile Step x 39¾" Coverage

**Minimum Tile Length:**
- 1'-6½"

**Texture:**
- Smooth or Embossed

**Minimum Slope:**
- 3:12

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Delp Chiropractic
Mount Airy, NC
Techo Tile in Black
Techo Tile is installed vertically up the slope of the roof with metal fasteners long enough to penetrate solid substrate.

Air space between panels allows for air flow between the panel and substrate, offering the potential for increased energy efficiency.

For more information: Visit www.atas.com/techotile
SHINGLES

Overview:
A variety of options exist for ATAS metal shingles which allow for unlimited design flexibility and creativity.

**Rumba Shake** is a Bermuda style roof panel available in aluminum, steel, or copper. You can achieve an exotic look requiring minimal maintenance with Rumba Shake. It is easily installed from eave to ridge, with concealed fasteners and clips. Its lightweight panel design is resistant to high wind, torrential rain, heavy snow, and ice loads.

**Standing Seam Shingle** has horizontal seams that are staggered to provide a historic standing seam appearance. The aluminum or copper shingles are available in two standard lengths of three feet or five feet. Shingles are installed vertically from eave to ridge with concealed fasteners over a solid substrate, with an anchor clip and lock system. The four-way interlock design guards against wind-driven rain and wind uplift, while still allowing for air permeability.

**Advanta Shingle** offers the appearance of asphalt shingles with the benefits of metal roofing. The simulated dimensional shingle formed from G-90 galvanized stucco embossed steel covers more than twice the area of an asphalt shingle and is easy to install. The four-way interlock design guards against wind-driven rain and wind uplift, while still allowing for air permeability. Advanta Shingle is available in several solid colors, as well as in the Americana Classic Series, which simulates the look and texture of slate or an asphalt shingle. It is also available in copper.

**CastleTop** shingles give you the ability to mix and match colors for a more intricate design. The diamond-shaped aluminum shingles are available with an embossed texture, and are also available in either copper or zinc. CastleTop has an expanded polystyrene backer board which supports the panel during installation and aids in sound dampening. The tab interlock design of the shingles resists wind uplift.

All shingles share the following specifications, unless otherwise noted:

**Finish:**
70% PVDF

**Colors:**
Choice of over 30 stock colors
Custom colors and finishes available*

**Accessories:**
A complete line of trims available in matching colors, gauge, and finish or as specified

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

**Longevity Features:**
- Resistant to high wind, torrential rain, heavy snow and ice loads
- Fire resistant - will not burn or support combustion
- May be an insurance advantage
- Will not warp, crack, or rot
- Industry leading long-term warranty
- High quality and time-proven painting and pretreatment technologies

Private Residence
Cape May, NJ
Standing Seam Shingle in Rocky Grey
SKU:
HBS090

Material:
.032, .040 aluminum;
24, 22* ga. metallic coated steel;
16 oz. copper*;
.8 mm zinc*

Shingle Coverage:
9"

Shingle Length:
12'-0", 20'-0"

Texture:
Smooth or Embossed

Anodized:
Clear Satin, Dark Bronze

Fasteners:
Concealed fasteners and clips

Minimum Slope:
4:12
*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

Application:
• Typical applications include commercial and residential roofing. Rumba Shake is also suitable for walls and mansards.
• May be installed over existing roofs if conditions and local building codes allow

Performance Standards:
• Tested in accordance with UL 790/ASTM E 108, ASTM E 1592, ASTM E 283, ASTM E 331, UL 2218, ASTM E 84 Flame Spread
• High reflectivity of panels which increases energy efficiency

For more information: Visit www.atas.com/rumbashake
**Application:**
- Typical applications include mansards, entryways, commercial and residential roofing and walls
- Installed vertically from eave to ridge
- Seam and lock are an integral part of the panel – no blow-offs or creeping of the seam

**Performance Standards:**
- Tested in accordance with UL 790/ASTM E 108, UL 580, PA 100-95 (R&D only), UL 2218, ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- Metal Construction Association Certified Premium Painted
- Meets all specifications for International Building Code
- High reflectivity of panels which increases energy efficiency

**SKU:**
- HSS164 (36”)
- HSS165 (60”)

**Material:**
- .032 aluminum;
- 16 oz. copper*

**Shingle Coverage:**
- 16” x 36” or 60”

**Texture:**
- Smooth

**Fasteners:**
- Concealed fasteners and clips

**Minimum Slope:**
- 4:12

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.
For more information: Visit www.atas.com/standingseamshingle
Application:
- Typical applications are commercial and residential roofing
- Advanta Shingle is also suitable for walls and mansards
- Installed horizontally in a left to right manner and staggered from eave to ridge
- Ideal for installations throughout North America
- Clipless system
- May be installed over an existing roof without the need for tear-off and disposal if conditions and local codes allow
- Fastened to a solid substrate through fastening holes

Performance Standards:
- Tested in accordance with UL 790/ASTM E 108, UL 580, UL 1897, UL 2218, Class 4, ASTM E 84 Flame Spread, CCRR-0199, Penetration (foot traffic): ICC ES AC166, Par. 4.2
- Florida Building Commission Approval
- Metal Construction Association Certified Premium Painted
- High reflectivity of panels which increases energy efficiency

SKU:
HAS300

Material:
29 ga. metallic coated steel

Shingle Coverage:
12" x 36"

Texture:
Embossed

Colors:
Stock Colors: Mission Red, Forest Green, Char Brown (low gloss Classic Bronze), Sierra Tan, Slate Grey, Rocky Grey, Redwood, Bone White
Advanta Americana Classic Series: Nine stock colors (below)

Fasteners:
Concealed fasteners

Minimum Slope:
3:12

Material:
29 ga. metallic coated steel

Shingle Coverage:
12" x 36"

Texture:
Embossed

Colors:
Stock Colors: Mission Red, Forest Green, Char Brown (low gloss Classic Bronze), Sierra Tan, Slate Grey, Rocky Grey, Redwood, Bone White
Advanta Americana Classic Series: Nine stock colors (below)

Fasteners:
Concealed fasteners

Minimum Slope:
3:12

SKU:
HAS300

Material:
29 ga. metallic coated steel

Shingle Coverage:
12" x 36"

Texture:
Embossed

Colors:
Stock Colors: Mission Red, Forest Green, Char Brown (low gloss Classic Bronze), Sierra Tan, Slate Grey, Rocky Grey, Redwood, Bone White
Advanta Americana Classic Series: Nine stock colors (below)

Fasteners:
Concealed fasteners

Minimum Slope:
3:12
Four-way interlock design guards against wind-driven rain and wind uplift, while still allowing for air permeability.

For more information: Visit www.atas.com/advantashingle
**SKU:**
HCT160

**Material:**
.032 aluminum; 0.7 mm zinc*; 16 oz. copper*

**Shingle Size:**
15¾” x 15¾”

**Shingle Coverage:**
13½” x 13½”

**Texture:**
Embossed (aluminum only), Smooth (copper and zinc only)

**Anodized:**
Clear Satin, Dark Bronze

**Fasteners:**
Concealed fasteners

**Minimum Slope:**
3:12

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

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**Application:**
- Installed vertically from eave to ridge.
- May be used for commercial or residential roof, mansard, and wall applications.
- There are 78 shingles per square (100 sq. ft.)
- Different colors may be mixed to create interesting patterns
- Durable, yet lightweight - may be installed over existing roofs if conditions and local building codes allow

**Performance Standards:**
- Tested in accordance with UL 790/ASTM E 108, UL 1897, PA 100-95 (R&D only), UL 2218, ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- FBC Approval
- Metal Construction Association Certified Premium Painted
- High reflectivity of panels which increases energy efficiency

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*Sprinkles at Disney Springs*
Lake Buena Vista, FL
CastleTop in Champagne
CastleTop shingles have an expanded polystyrene backer board which supports the panel during installation and aids in sound dampening.

Tab interlock design prevents wind-uplift.

An overlapping design allows for proper water shedding.

For more information: Visit www.atas.com/castletoproof
COLOR CHART

Stock Colors | 70% PVDF Finish

- Black (02)
- Classic Bronze (01)
- Medium Bronze (03)
- Hartford Green (27)
- Forest Green (11)
- Teal (19)
- Hemlock Green (30)
- Patina Green (12)
- Chocolate Brown (04)
- Boysenberry (25)
- Redwood (07)
- Mission Red (08)
- Sierra Tan (09)
- Rawhide (15)
- Concord Cream (05)
- Almond (36)
- Sandstone (06)
- Regal Blue (18)
- Slate Blue (21)
- Siam Blue (14)
- Rocky Grey (16)
- Charcoal Grey (62)
- Slate Grey (20)
- Dove Grey (13)
- Ascot White (10)
- Bone White (26)

Premium Colors | 70% PVDF Finish

- Antique Patina (24)
- Brite Red (17)
- Champagne (31)
- Coppertone (23)
- Silversmith (28)
- Titanium (35)

Natural Metals

- Clear Satin Anodized (70)
- Dark Bronze Anodized (71)
- Acrylic Coated Galvalume* (97)
- Copper (49)*
- Classic Stainless Steel (40)*
- Terne Coated Stainless Steel (41)*
- Grey Zinc (91)*
- Dark Zinc (92)*
- Brown Zinc (89)*
- Blue Zinc (94)*
- Red Zinc (95)*
- Green Zinc (96)*

For additional color offerings, visit www.atas.com/colors. For current SRI values and agency listings refer to our Color and Reference Guide: www.atas.com/sri.

*Special material. Pricing and availability dependent upon project specifics. Color chips available upon request.