

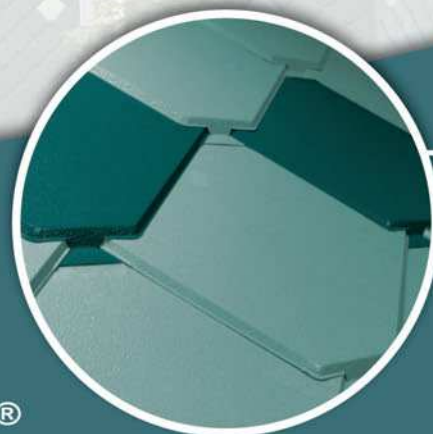


ATAS International, Inc.

Sustainable Building Envelope Technology



For a unique building aesthetic or a classic roof appearance: CastleTop® shingles



UNIQUE. DURABLE.

CASTLETOP®



STRIKING FACADES. UNFORGETTABLE ROOFS.

CastleTop® shingles give you the ability to mix and match colors for a more intricate design. CastleTop® is available with an embossed texture and coated with high quality Kynar 500® PVDF and Hylar 5000® PVDF finishes. Options in exotic metals such as copper and zinc are offered with a smooth texture. Inquire for availability.



Lightweight metal shingles with **tab interlock** design to prevent wind-uplift.



Features

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.)
- Concealed fasteners
- 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

LONGEVITY

- Will not warp, crack, rot, or peel
- Fire resistant - will not burn or support combustion
- Resistant to high wind, torrential rain, heavy snow and ice loads
- 30 Year Limited Warranty
- High quality and time proven painting and pretreatment technologies

PERFORMANCE STANDARDS

- Environmentally friendly - ENERGY STAR® qualified colors available. Contact ATAS for current color listings
- 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
- MCA Roofing Certification
- High reflectivity of panels which increases energy efficiency

Specifications

CastleTop® 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"

Texture

Embossed (aluminum only), Smooth (copper and zinc only)

Finish

Kynar 500® PVDF or Hylar 5000® PVDF

Colors

Choice of 31 standard colors (aluminum only)

Anodized

Clear, Dark Bronze

Accessories

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

Fasteners

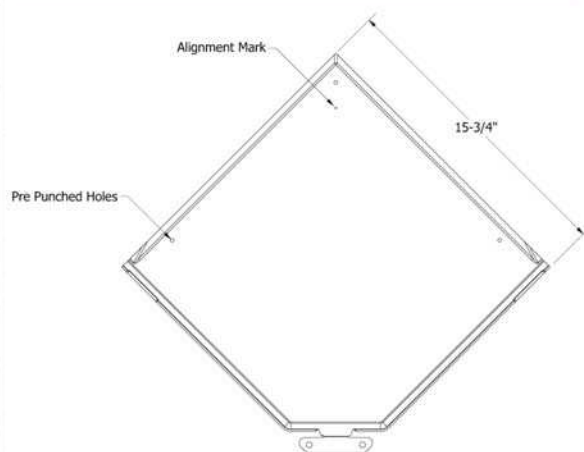
Concealed fasteners

Minimum Slope

3:12

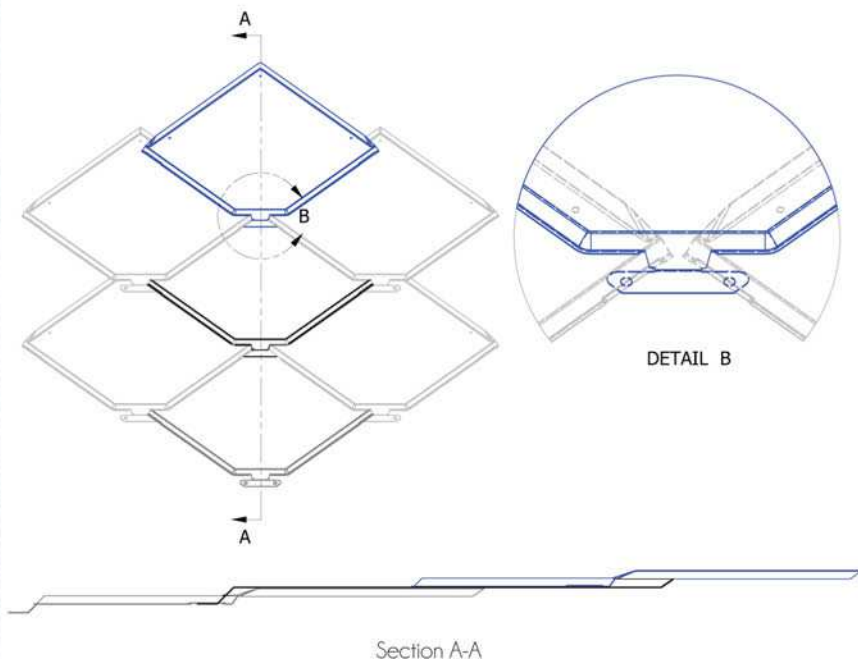


Metal	Gauge	Finish	Color/Texture
Aluminum	.032	Kynar 500® Hylar 5000®	31 Colors Embossed
Aluminum	.032	Anodized	2 Colors Embossed
Copper	16 oz.	Natural	Smooth
Zinc	.028	Pre-Weathered	Smooth

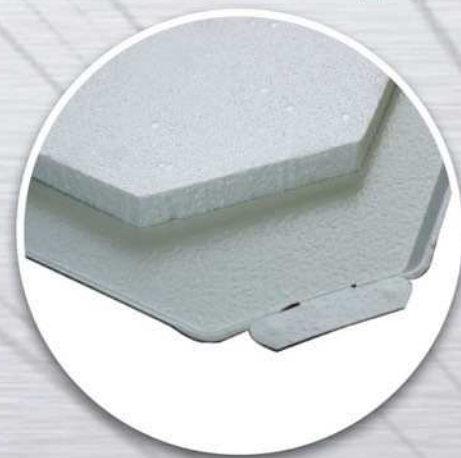


Installation Advantages

An **overlapping design** allows for proper water shedding.



CastleTop shingles have an expanded polystyrene backer board which supports the panel during installation and aids in sound dampening.



CastleTop® Colors

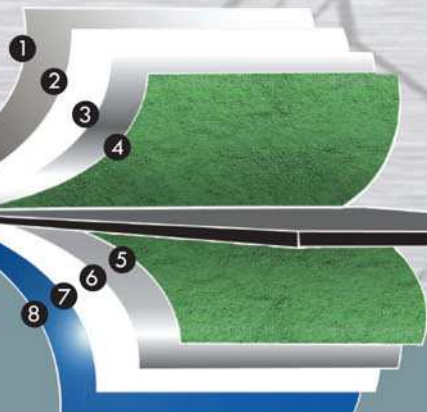
 Black (02) SRI: -1	 Forest Green (11) SRI: 29	 Regal Blue (18) SRI: 23	 Boysenberry (25) SRI: 27	 Sierra Tan (09) SRI: 37	 Sandstone (06) SRI: 66	 Bone White (26) SRI: 85
 Classic Bronze (01) SRI: 2	 Hemlock Green (30) SRI: 30	 Siam Blue (14) SRI: 35	 Redwood (07) SRI: 18	 Dove Grey (13) SRI: 58	 Concord Cream (05) SRI: 78	 Ascot White (10) SRI: 96
 Medium Bronze (03) SRI: 33	 Patina Green (12) SRI: 47	 Slate Blue (21) SRI: 31	 Charcoal Grey (62) SRI: 27	 Clear Anodized (70) SRI: 92 PREMIUM FINISH	 Dark Bronze Anodized (71) SRI: 6 PREMIUM FINISH	 Brite Red (17) SRI: 39 PREMIUM FINISH
 Chocolate Brown (04) SRI: 25	 Mint Green (22) SRI: 37	 Rocky Grey (16) SRI: 29	 Mission Red (08) SRI: 33	 Silversmith (28) SRI: 51 PREMIUM FINISH	 Antique Patina (24) SRI: 25 PREMIUM FINISH	
 Hartford Green (27) SRI: 23	 Teal (19) SRI: 26	 Slate Grey (20) SRI: 39	 Rawhide (15) SRI: 64	 Champagne (31) SRI: 62 PREMIUM FINISH	 Coppertone (23) SRI: 57 PREMIUM FINISH	

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, contact ATAS. Color availability varies by material, gauge and profile. ATAS is not responsible for colors selected from this chart. Contact ATAS for more information. ENERGY STAR® is only valid for projects located within the United States.



Aluminum Paint Coating System

Composed of 8 layers, each developed to protect and strengthen the CastleTop® shingle profile.



1. Kynar 500® PVDF or Hylar 5000® PVDF Top Coat
2. Compatible Primer
3. Chrome Final Rinse
4. Complex Chrome Oxide Pretreatment
- .032 Aluminum**
5. Complex Chrome Oxide Pretreatment
6. Chrome Final Rinse
7. Compatible Primer
8. Wash Coat



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Contact ATAS for more information. ATAS reserves the right to modify, eliminate and/or change its products without prior notification.

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