

# ELITE GLASS-SEAL®

## 3-TAB FIBERGLASS ASPHALT SHINGLES

MANUFACTURED IN FREDERICK, MD

## PRODUCT DATA

### DESCRIPTION

Information included in this product data sheet was current at time of printing.

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**ELITE GLASS-SEAL®** self-sealing 3-tab shingles are made from TAMKO® fiberglass mat, that has been coated on both sides with a layer of weathering-grade asphalt, and surfaced with ceramic granules.

- 25-year Limited Warranty and Arbitration Agreement, 5-year Full Start.
- 10-year Algae Cleaning Limited Warranty.

**USES:** For application to roof decks with inclines of 2 inches per foot or greater.

- For slopes between 2-4 inches per foot- See "Low Slope Application" section of the Application Instructions.
- For slopes greater than 21 inches per foot- See "Mansard Roof or Steep Slope Roof" section of the Application Instructions.

**SHINGLES BEGIN TO AGE AS SOON AS THEY ARE EXPOSED TO NATURE. BUILDINGS EXPERIENCE AGING FACTORS DIFFERENTLY, SO IT IS DIFFICULT TO PREDICT HOW LONG SHINGLES WILL LAST. THAT'S WHY TAMKO PROVIDES A LIMITED WARRANTY THAT INCLUDES A BINDING ARBITRATION CLAUSE AND OTHER TERMS AND CONDITIONS WHICH ARE INCORPORATED HEREIN BY REFERENCE. YOU MAY OBTAIN A COPY OF THE LIMITED WARRANTY AT TAMKO.COM OR BY CALLING 1-800-641-4691.**

### COLORS

- Antique Slate
- Empire Green Blend
- Pastel Green
- Grey Blend
- Rustic Black
- Rustic Cedar
- Rustic Redwood
- Slatetone Grey
- Tweed Blend
- Weathered Wood
- White\*



\*White is ENERGY STAR qualified.



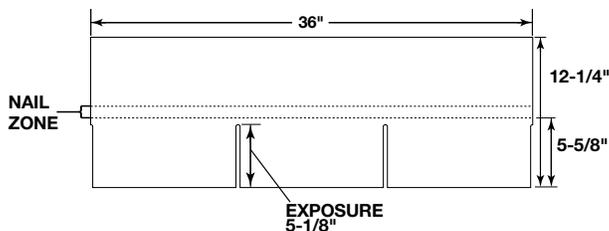
\*White is rated by the Cool Roof Rating Council.

### TECHNICAL INFORMATION

UL Listed for Class A Fire Rating:	UL 790/ASTM E108, Class A
UL Classified for Wind Resistance:	ASTM D7158, Class H and ASTM D3161, Class F
UL Classified in accordance with:	ASTM D3462 and ICC-ES Acceptance Criteria AC438
UL Evaluation Reports:	UL ER2919-01 and UL ER2919-02
Florida Building Code Approved:	FL18355
Miami-Dade County Florida Approved:	NOA 18-0207.04    Expiration Date: 04/11/2023

### PRODUCT DATA

Shingle sizes <sup>†</sup>	12 1/4" x 36"
Exposure	5 1/8"
Coverage per Square <sup>††</sup>	100 sq. ft.
Shingle per Square	78
Bundles per Square	3



<sup>†</sup>Subject to manufacturing variation

<sup>††</sup>When applied according to instructions

**WARNING:** Use of polyurethane foam insulation applied directly to the underside of a roof deck may cause premature degradation or failure of this asphalt roofing product. We are investigating compatibility of polyurethane foams with our asphalt building products. Chemical incompatibility, off-gassing after application and excess heat during and after application of polyurethane foams may affect the performance of asphalt and modified asphalt building products and metal fasteners used with those products.



**IMPORTANT SAFETY INFORMATION:** Do not install until all appropriate safety precautions have been read and understood. [The TAMKO Safety Data Sheet \(SDS\) is available at tamko.com/sds](http://tamko.com/sds). Always use appropriate fall protection equipment and wear appropriate personal protective equipment (PPE) when working with this product. Moisture, frost, debris or other material will decrease the traction and can cause slippery conditions when walking on the product. **Applicator safety is of utmost importance.**

**WARNING:** This product contains crystalline silica and formaldehyde. Crystalline silica and formaldehyde have been classified as "known human carcinogens" by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. This product also contains oxidized asphalt. Occupational exposure to oxidized asphalt and its emissions during roofing have been classified by IARC as a "probable human carcinogen". Oxidized asphalt also contains Polycyclic Aromatic Hydrocarbons some of which have been classified by IARC as "known" or "probable human carcinogen". The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing and contact with skin.



P.O. Box 1404  
Joplin, MO 64802-1404  
800-641-4691  
[tamko.com](http://tamko.com)