

STORMFIGHTER IR™

CLASS 4 IMPACT RATED SHINGLES

MANUFACTURED IN PHILLIPSBURG, KS

PRO
LINE

RAPID
FIRE
ZONE

PRODUCT DATA

DESCRIPTION

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

To obtain a copy of the most current version of this product data sheet, visit us online at tamko.com or call us at 800-641-4691.

STORMFIGHTER IR™ laminated shingles feature a fiberglass mat construction, which is fully reinforced with a proprietary application that consists of a polyester mat across the entire width of the shingle, eliminating the need for backing aggregate. Each shingle is coated on both sides with a layer of weathering-grade asphalt and surfaced with ceramic granules. StormFighter IR is classified by UL for compliance with UL 2218 Class 4 Impact Resistance. Features an expanded Rapid Fire Zone™ nailing zone.

- Rapid Fire Zone™ – a clearly defined 1-1/2" expanded nailing zone
- A reinforced backing – polyester mat reinforcing the entire width of the shingle, including the nailing zone and the common bond
- Manufactured with an enhanced, polymer-modified shingle sealant
- 15-year Limited Warranty for winds up to 160 mph when applied in accordance with StormFighter IR's High Wind Application Instructions
- Limited Lifetime Warranty*
- 10-year Full Start® non-prorated warranty period
- 10-year Algae Cleaning Limited Warranty
- Wood-shake look and beauty
- Shadowtone feature adds dimension, depth of appearance and curb appeal

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

- For slopes between 2" and up to but less than 4" per foot—see "Low Slope Application" section of the Application Instructions.
- For slopes equal to or greater than 21" 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. TAMKO PROVIDES A LIMITED WARRANTY FOR MANY PRODUCTS, 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.

*Limited Lifetime only applies to single-family structures. See TAMKO's Limited Warranty for complete details.

COLORS

AMERICA'S NATURAL COLORS

- Thunderstorm Grey

CLASSIC HERITAGE COLORS

- Rustic Black
- Rustic Slate
- Weathered Wood

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 Classified for Impact Resistance:	UL 2218 Class 4†
UL Evaluation Reports:	UL ER2919-01 and UL ER2919-02

† **STORMFIGHTER IR™ SHINGLES ARE CLASSIFIED BY UL FOR COMPLIANCE WITH UL 2218 CLASS 4 IMPACT RESISTANCE. UL 2218 TESTING UTILIZES A DROPPED STEEL BALL WHICH MAY NOT CORRELATE WITH REAL WORLD ROOFTOP EXPERIENCE WITH THE IMPACT OF STORM DRIVEN HAIL OR OTHER OBJECTS.**

WARNING: Use of this product in an assembly that includes polyurethane foam insulation (including without limitation an application directly to the underside of a roof deck or within a wall assembly) may cause premature degradation or failure of this product. We continue to evaluate 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. 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.



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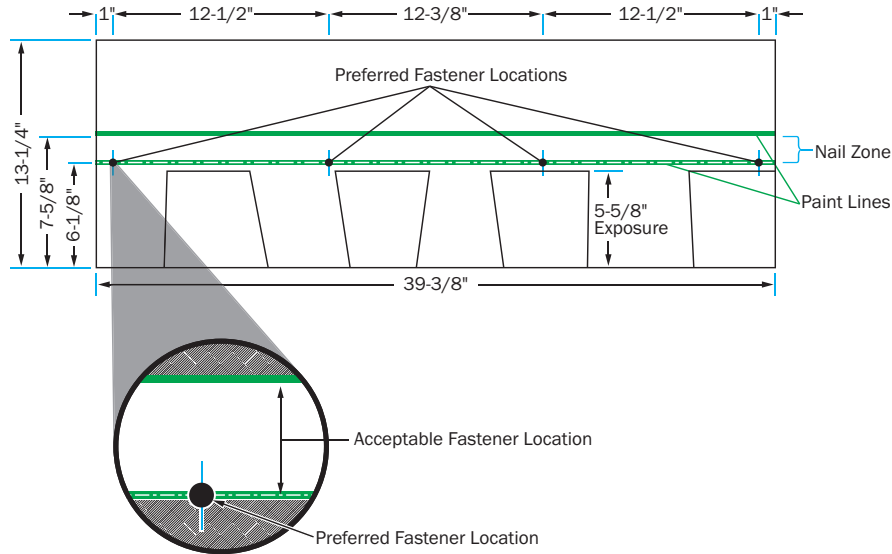
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Standard Fastening Pattern



Shingle size [†]	13-1/4" × 39-3/8"
Exposure	5-5/8"
Each bundle contains	Minimum of 20 shingles
20 shingles covers ^{††}	30.76 sq. ft.
One Sales Square covers ^{††}	98.4 sq. ft.
Bundles per Sales Square	3
Shingles per Sales Square	64 (1 bundle of 20 shingles and 2 bundles of 22 shingles)

[†] Subject to manufacturing variation

^{††} When applied according to application instructions

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BUILDING PRODUCTS LLC

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