

STORMFIGHTER FLEX™ 3 & 4

POLYMER MODIFIED 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 FLEX™ 3 & 4 shingles feature the highest wind warranty available* in an impact rated asphalt shingle, now enhanced with TAMKO's new ForceFX™ technology, a proprietary recipe of polymers that give the shingles impact rated qualities, increased flexibility, and boosted weather resilience.

StormFighter FLEX™ shingles have a durable double-layer, laminated fiberglass mat construction and the shingles' premium asphalt is modified with ForceFX™ polymer technology and feature the Rapid Fire Zone®, a large, expanded nailing zone for a shingle that is easy to install, quick to seal, and provides enhanced weather resilience.

ForceFX™ technology enables StormFighter FLEX™ shingles to be installed at temperatures down to 25 degrees F.

Unique in the industry, StormFighter FLEX™ shingles also feature TAMKO's proprietary AnchorLock™ layer reinforced nail line that helps lock shingles tightly to the deck and inspired the shingles' 160 MPH WindGUARD™ High Wind Warranty*.

StormFighter FLEX 3 shingles are classified by UL for compliance with UL 2218 for Class 3 Impact Resistance.

StormFighter FLEX 4 shingles are classified by UL for compliance with UL 2218 for Class 4 Impact Resistance.

- UL Class 3 or Class 4 Impact Rating – Classified by UL 2218
- Cold weather application down to temperatures of 25 degrees F
- ForceFX™ Polymer Technology – A force multiplying technology that enhances multiple features on the shingle, including impact resistance, tear strength, granule adhesion, flexibility, cold weather handling, resulting in boosted weather resilience
- Rapid Fire Zone® nailing zone – a clearly defined 1-1/2" expanded nailing zone
- AnchorLock™ layer reinforced nail line – 2" poly strip reinforcing the nailing zone and the common bond
- Advanced Fusion™ Sealants – an enhanced, polymer-modified family of sealants designed to seal quickly, even in cooler weather
- 160 MPH 15-year Limited Warranty for winds*
- Limited Lifetime Warranty**
- 10-year Full Start® non-prorated warranty period
- 10-year Algae Cleaning Limited Warranty
- Wood-shake look and beauty
- Superior Color – featuring TAMKO's proprietary color blends and drops and offered in a selection of TAMKO's most popular color line ups
- 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.

*When applied in accordance with StormFighter FLEX's High Wind Application Instructions.

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

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. 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.

TAMKO®
BUILDING PRODUCTS LLC

P.O. Box 97
Galena, KS 66739-0097
800-641-4691
tamko.com

STORMFIGHTER FLEX™ 3 & 4

POLYMER MODIFIED IMPACT RATED SHINGLES

MANUFACTURED IN PHILLIPSBURG, KS

PRO
LINE

RAPID
FIRE
ZONE

PRODUCT DATA

COLORS

AMERICA'S NATURAL COLORS

- Black Walnut
- Thunderstorm Grey

CLASSIC COLORS

- Olde English Pewter
- Rustic Black
- Rustic Cedar
- Rustic Slate
- Weathered Wood

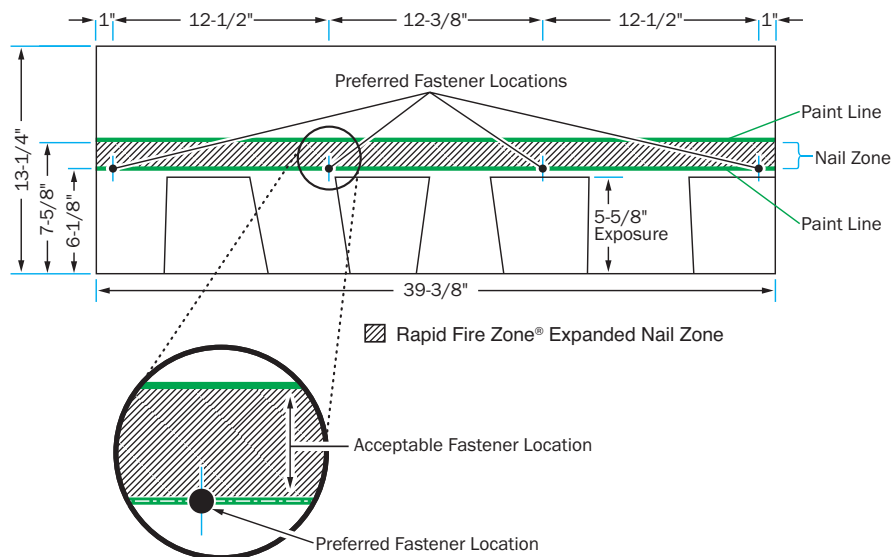
TECHNICAL INFORMATION

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 [†] and Class 3 [†]
UL Evaluation Reports:	UL ER2919-01 and UL ER2919-02
Florida Building Code Approved:	FL18355 and FL35321
Miami-Dade County Product Control Approved	

[†] STORMFIGHTER FLEX™ 3 AND 4 SHINGLES ARE CLASSIFIED BY UL FOR COMPLIANCE WITH UL 2218 CLASS 3 AND 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.

PRODUCT DATA

Standard Fastening Pattern



Shingle size ^{††}	13-1/4" x 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

TAMKO[®]
BUILDING PRODUCTS LLC

P.O. Box 97
Galena, KS 66739-0097
800-641-4691
tamko.com