



Kilimanjaro Product Data Sheet

Description

Kilimanjaro synthetic thatch is an innovative roofing system simulating the appearance and texture of natural East Asian grass thatch. Whether installing on a new commercial project or retrofitting a traditionally framed tiki hut, Kilimanjaro thatch is an easy-to-install system that gives decades of maintenance-free performance.

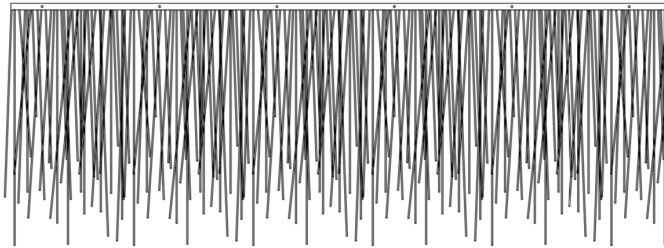
Features

- 30 Year Warranty*
- Manufactured in the USA
- Fire and Wind Resistant
- No maintenance required
- Fast and easy installation
- Life-like design

*See supplemental warranty document



Specifications



Field Shingle

Product Number: 73668

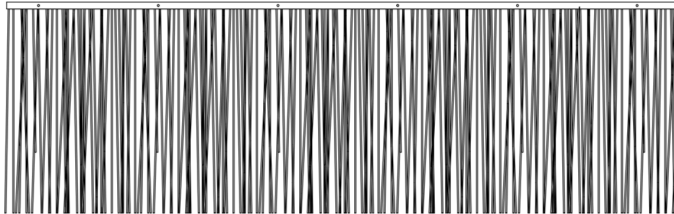
Size: 42"x12" (1067 x 305 mm)

Weight: 3.66lb (1.66 kg)

Exposure: 5" (127 mm)

Coverage: 1.45 Sq ft (0.135 Sq M)

Material: PVC with stainless steel binder



Ceiling Shingle

Product Number: 73696

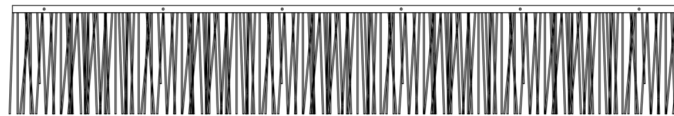
Size: 42"x 14" (1067 x 356 mm)

Weight: 4.75lb (2.15 kg)

Exposure: 12" (305 mm)

Coverage: 3.5 Sq ft (0.33 Sq M)

Material: PVC with stainless steel binder



Starter Shingle

Product Number: 74169

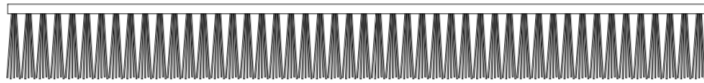
Size: 42"x 6" (1067 x 152 mm)

Weight: 2.5lb (1.13 kg)

Exposure: 0"

Coverage: 0"

Material: PVC with stainless steel binder



Eave Wadd

Product Number: 73670

Size: 48" x 4" (1219 x 102 mm)

Weight: 6.2lb (2.81 kg)

Exposure: 0"

Coverage: 0"

Material: PVC with stainless steel binder



Eave Wadd Corner

Product Number: 745839

Size: 4" h (102 mm)

Weight: 0.5lb (0.23 kg)

Exposure: 0"

Coverage: 0"

Material: PVC with stainless steel binder



Hip/Ridge Shingle

Product Number: 74170

Size: 14" (356 mm)

Weight: 1.22lb (0.55 kg)

Exposure: 4" (102 mm)

Coverage: 0 Sq ft

Material: PVC with stainless steel binder



Shipping & Storage

	Field shingle	Ceiling shingle	2" eave bend	5" eave bend	Starter shingle	Eave wadd	Hip/Ridge	Eave Corner
Quantity	14 per box	12 per box	8 per box	8 per box	25 per box	4 per box	30 per box	N/A
Weight	65lbs	65lbs	65lbs	65lbs	65lbs	30lbs	65lbs	N/A

*Weights may vary

Shipping Specifications

Box Size: 44" X 22" X 5" (1120 X 560 X 130 mm)

Pallet: 20 boxes per pallet

Container: 20' 10 pallets (200 boxes) 40' 20 pallets (400 boxes)

Storage: Store Kilimanjaro shingles in a dry, well-ventilated, weather tight location.

Do not expose boxes to excessive moisture.

Overstacking boxes or excessive moisture may cause boxes to collapse.

Do not remove wrapping from bulk stack pallet until final placement at installation location.

Maintenance

Kilimanjaro synthetic thatch was designed so that no maintenance is required to ensure the best performance. However, it is recommended to do an annual inspection and brush off any loose debris to keep your roof looking its best.



Warranty

Kilimanjaro synthetic thatch has a 20 year limited warranty that covers faults in materials and workmanship in accordance with current warranty terms.

Testing & Approval

- Florida Product Approval FL-21047-R2

Test Standard	Result
(Fire) ASTM E-108	Class A
(Fire) ASTM E-84	Flame Spread 12.5
(Fire) ASTM E-84	SDI 225
(Wind) ASTM D-3161	Class F (110 MPH Maximum test speed)
(Wind) TAS 107-95	110 MPH (Maximum test speed)
(Wind + Rain) TAS 100-95	Pass
(Wind Uplift) UL 1897	Design Pressure 82.5 PSF (up to 200 mph)
(Impact) UL 2218	Class 4
(Fire) Bs 476 (part 3) (British Standards)	Ext.S.AA
(Fire) BS 476 (part 7) (British Standards)	Class 2
(Fungi) ASTM G 21-96	No Fungi Growth (pass)
(Fire)GB 8624-2012 (China)	Class B1



Application

Kilimanjaro synthetic thatch is a universal system that can be installed on new construction or retrofit to existing structures. The versatile design allows it to be applied to a number of roofing substrates including the following: Plywood deck, Concrete, and Metal. Kilimanjaro synthetic thatch is suitable for use on any sloped roof with a pitch of 3:12 (14°) or greater. The total thickness of the roof system when installed is 1" (25.4mm).

Plywood Deck:

- 15/32" (12mm) minimum plywood over rafters per local code
- Single Layer Tan Soprema Elastophene Stick HR FR+ GR Cap Sheet (#07066) adhered to plywood
- Kilimanjaro shingles installed at 5" (127mm) Exposure
- Fasten Kilimanjaro shingles with stainless steel 1.75" (45mm) 11ga. Ring shank roofing nails, 4 per shingle
- System weight: 3.75 lbs / sq ft.(18.25 kg / M2)

Plywood Deck, Class A Fire Rated:

- 15/32"(12mm) minimum plywood over rafters per local code
- ½" DensDeck gypsum, fastened 12" O.C. fastened to plywood
- Single Layer Tan Soprema Elastophene Stick HR FR+ GR Cap Sheet(#07066) adhered to DensDeck
- Kilimanjaro shingles installed at 5" (127mm) Exposure
- Fasten Kilimanjaro shingles with Stainless steel 2.50" (64mm) 10ga. Ring shank Roofing nails, 4 per shingle
- System weight: 5.75 lbs / sq ft.(28.06 kg / M2)

Metal:

- Existing corrugated metal roofing
- 15/32"(12mm) minimum plywood
- Single Layer Tan Soprema Elastophene Stick HR FR+ GR Cap Sheet(#07066) adhered to plywood
- Kilimanjaro shingles installed at 5" (127mm) Exposure
- Fasten Kilimanjaro shingles with stainless steel 1.25" (32mm) 11ga. Ring shank roofing nails, 4 per shingle
- System weight: 5.03 lbs / sq ft.(24.54 kg / M2) using 15/32" (12mm) Plywood



Concrete:

- Structural concrete substrate
- Single Layer Tan Soprema Elastophene Stick HR FR+ GR Cap Sheet(#07066) adhered to concrete
- Kilimanjaro shingles installed at 5" (127mm) Exposure
- Fasten Kilimanjaro shingles with 410 stainless steel 1.75" (45mm) 3/16" Tapcon® screws, 3 per shingle
- System weight: 3.75 lbs / sq ft.(18.25 kg / M2)

Premium thatch manufactured by:
Global Innovation LLC

313 SW Windswept Glen
Lake City, Florida 32024

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