

## Product Data Sheet

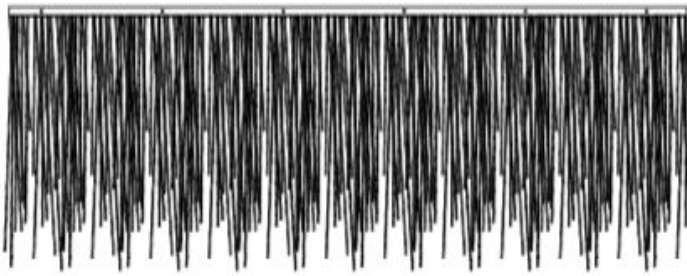
### Description

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

### Features

- 20 Year Guarantee
- Manufactured in the USA
- Fire and Wind Resistant
- No maintenance required
- Fast and easy installation
- Life-like design

### Specifications



#### **Field Shingle**

Part Number: 734274

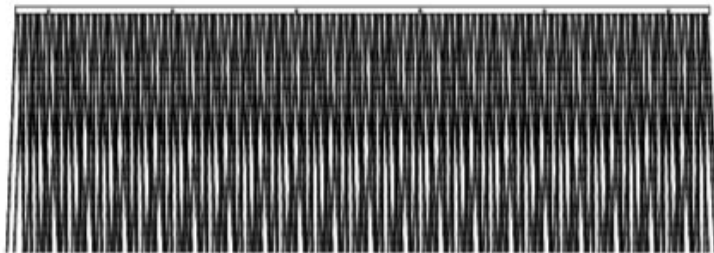
Size: 42"x 14" (1067 x 356 mm)

Weight: 3.66lb (1.66 kg)

Exposure: 6.5" (165mm)

Coverage: 1.89 Sq Ft (0.18 Sq M)

Material: PVC



#### **Ceiling Shingle**

Part Number: 734286

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



Somerset



#### **Starter Shingle**

Part Number: 734275

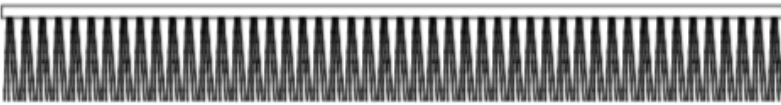
Size: 42"x 6" (1067 x 152 mm)

Weight: 2.5lb (1.13 kg)

Exposure: 0"

Coverage: 0"

Material: PVC



#### **Eave Wadd**

Part Number: 504806

Size: 48"x 5" (1219 x 127 mm)

Weight: 6.2 lb (2.81 kg)

Exposure: 0"

Coverage: 0"

Material: PVC



#### **Eave Wadd Corner**

Part Number: 734900

Size: 4"x 5" (102 x 127 mm)

Weight: 0.5lb (0.23 kg)

Exposure: 0"

Coverage: 0"

Material: PVC



#### **Hip Shingle**

Part Number: 734287

Size: 14" (356 mm)

Weight: 1.22lb (0.55 kg)

Exposure: 4" (102 mm)

Coverage: 0"

Material: PVC



## Shipping & Storage

	Field shingle	Ceiling shingle	2" eave bend	5" eave bend	Starter shingle	Eave wadd	Hip/Ridge	Eave Corner
Quantity	16 per box	12 per box	8 per box	8 per box	25 per box	4per box	30 per box	N/A
Weight	61lbs	59lbs	31lbs	31lbs	65lbs	27lbs	39lbs	N/A

\*Weights may vary

### Shipping Specifications

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

**Pallet:** 20 boxes per pallet

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

**Storage:** Store Somerset 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

Somerset 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

Somerset 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-R1

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	110 MPH
(Wind) TAS 107-95	110 MPH
(Wind) TAS 100-95	110 MPH
(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

Somerset 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. Somerset synthetic thatch is suitable for use on any sloped roof with a pitch of 4:12 (18°) or greater.

### **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
- Somerset shingles installed at 6.5" (165mm) Exposure
- Fasten Somerset shingles with stainless steel 1.75" (45mm) 11ga. Ring shank roofing nails, 4 per shingle
- System weight: 3.15 lbs / sq ft.(15.37 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
- Somerset shingles installed at 6.5" (165mm) Exposure
- Fasten Somerset shingles with Stainless steel 2.50" (64mm) 10ga. Ring shank Roofing nails, 4 per shingle
- System weight: 5.15 lbs / sq ft.(25.13 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
- Somerset shingles installed at 6.5" (165mm) Exposure
- Fasten Somerset shingles with stainless steel 1.25" (32mm) 11ga. Ring shank roofing nails, 4 per shingle
- System weight: 4.43 lbs / sq ft.(21.61 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
- Somerset shingles installed at 6.5" (165mm) Exposure
- Fasten Somerset shingles with 410 stainless steel 1.75" (45mm) 3/16"Tapcon® screws, 3 per shingle
- System weight: 3.15 lbs / sq ft.(15.37 kg / M2)



Somerset thatch manufactured by:  
Global Innovation LLC

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