



Product Data Sheet

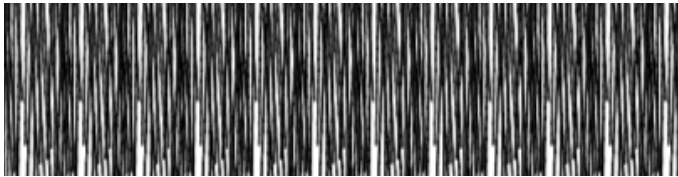
Description

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

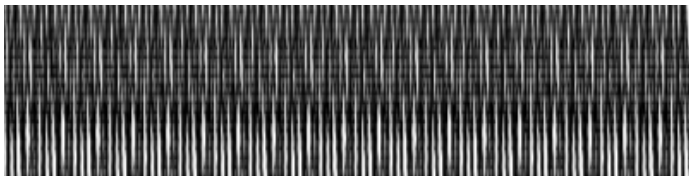
- 20 Year Guarantee
- Manufactured in the USA
- Fire and Wind Resistant
- No maintenance required
- Fast and easy installation
- Life-like design

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



Somerset

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.



Somerset

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 |



Somerset

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)