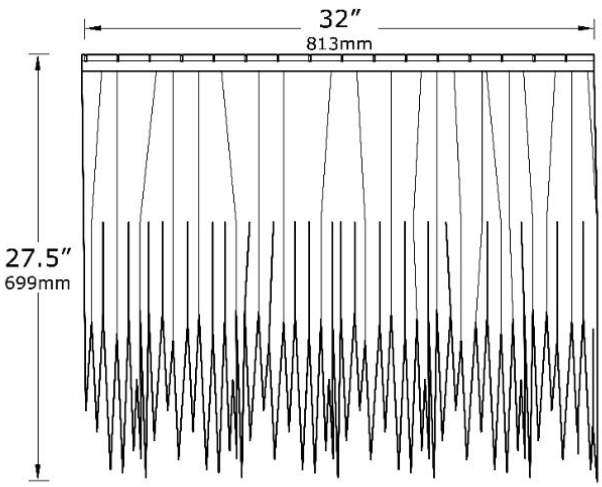
“Extended Eave” Product Data Sheet

Description

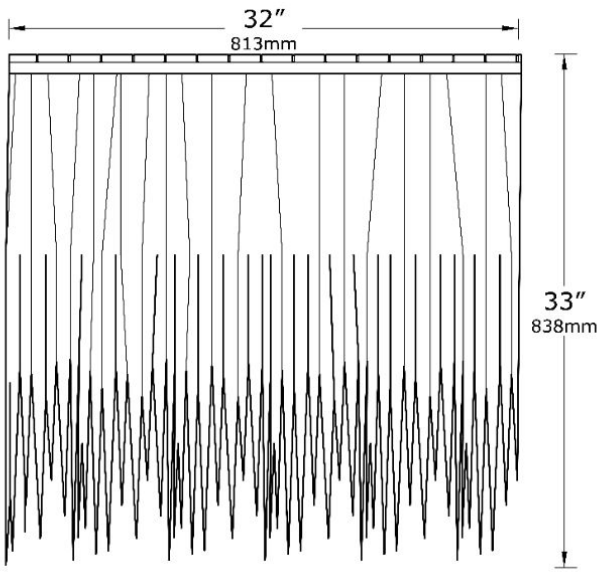
VIVA Extended Eave is a premium option with an overhang length of 30 inches which serves as an alternative to the standard eave detail with an overhang of 18 inches. VIVA extended eave is usable with all standard VIVA palm patterns and colors.

Components

Field Shingle



Extended Eave Shingle



Part Numbers	Weathered Palm	New Palm
Fanned Field Shingle	810101-WP	710101-NP
Folded Field Shingle	810100-WP	710100-NP
Extended Eave Shingle	810111-WP	710111-NP

Specifications

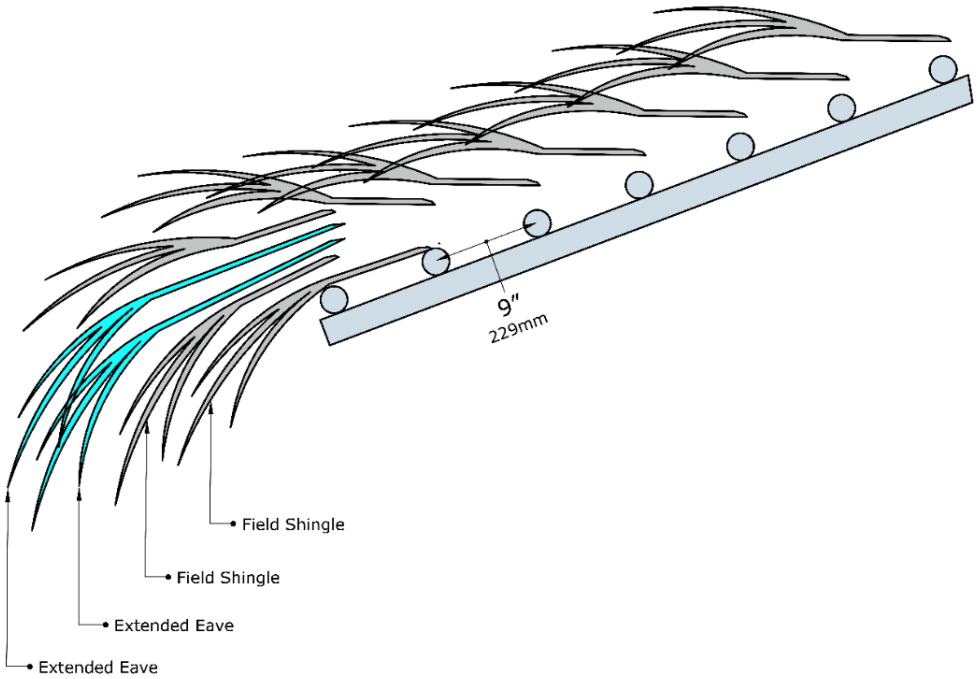
Part	Size	Weight	Exposure	Coverage	Material
Field Shingle	32”x 27.5”x 0.030” (813mm x 699mm x 0.8mm)	Avg. 0.97lb (0.44kg)	Up to 9” (229mm)	1.875 Sq.ft (0.174 m2) (5.72 pcs per m2) (1.3 pcs per linear m)	HDPE
Extended Eave Shingle	32”x 33”x 0.030” (813mm x 838mm x 0.8mm)	Avg. 1.15lb (0.52kg)	Avg. 9” (229mm)	0 Sq. ft (0.4 pcs per linear foot) 0 m2 (1.3 pcs per linear m)	HDPE

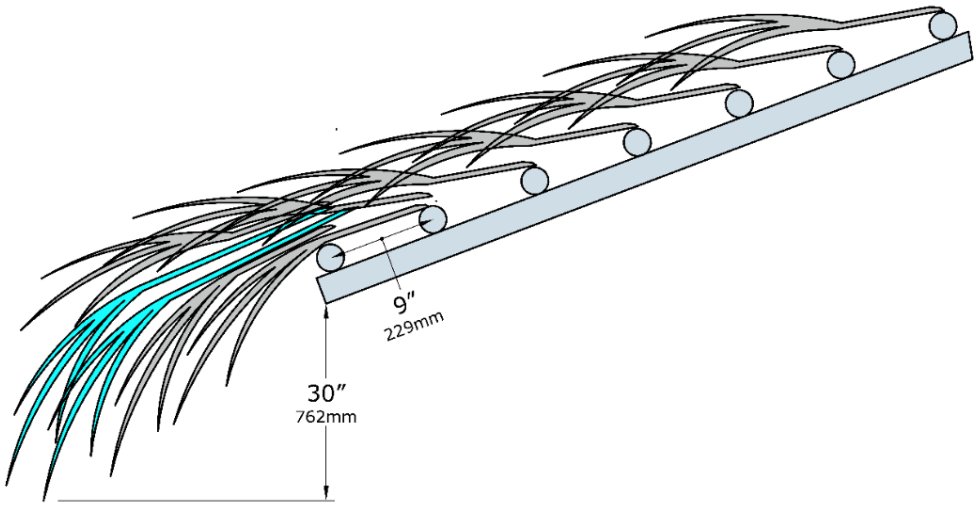
Shipping and Storage

Part	Box	Bulk Stack
Field Shingle (All colors, and styles)	**Box** Quantity: 70pcs Size: 37”x 28”x 11” (940mm x711mm x 280mm) Weight: Approx. 70 lbs (31.75kg) Coverage: 12.2 m2 **Pallet** Quantity: 12 boxes (840pcs) Size: 40”x 48”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 900 lbs (408.2kg) Coverage: 146.8 m2	**Pallet** Full pallets only Quantity: 1,400 pcs Size: 40” x 48” ”x 69” (1016mm x 1219mm x 2260mm) Weight: Approx. 1,500 lbs (680.4kg) Coverage: 244.7 m2
Extended Eave Shingle (All colors, and styles)	**Box** Quantity: 70pcs Size: 36”x 36”x 11” (914mm x 914mm x 280mm) Weight: Approx. 90 lbs (40.8kg) Coverage: 0 m2 **Pallet** Quantity: 8 boxes (1200pcs) Size: 40”x 48”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 800 lbs (362.8kg) Coverage: 0 m2	**Pallet** Full pallets only Quantity: 1000 pcs Size: 40” x 48” ”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 1,200 lbs (544.3kg) Coverage: 0 m2

Storage:Do not remove wrapping from bulk stack pallets until final placement at installation location.

Application





Can be used with all VIVA configurations (see VIVA PDS for more information)

Product Data Sheet

Description

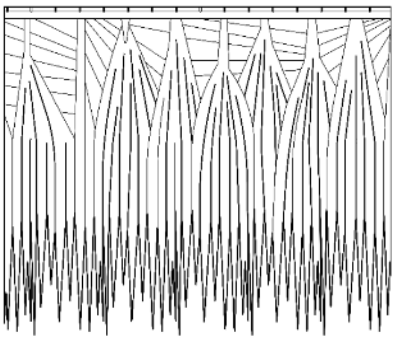
VIVA palm is an innovative roofing system simulating the appearance and texture of natural palm thatch. Whether installing on a new commercial project or retrofitting traditionally framed tiki hut, VIVA palms easy to install system gives decades of maintenance free performance.

Features

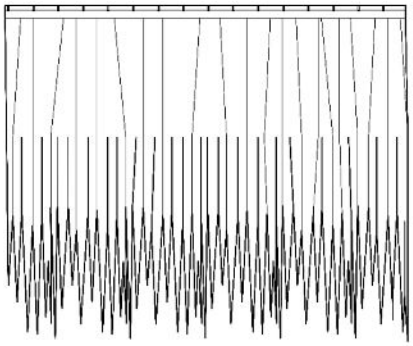
- 20 Year Guarantee
- Manufactured in the USA
- Fire and Wind Resistant
- No maintenance required
- Fast and easy installation
- Life-like design

Components

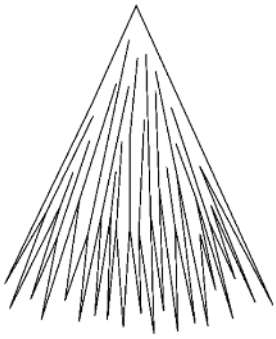
VIVA palm is available in two different pattern designs. The pattern design is visible on the interior ceiling when used in the horizontal or vertical batten configuration. The hip and ridge pattern is compatible with both fanned and folded designs.



Fanned Field Shingle



Folded Field Shingle



Hip/Ridge Shingle

Part Numbers	**Weathered Palm**	**New Palm**
Fanned Field Shingle	810101-WP	710101-NP
Folded Field Shingle	810100-WP	710100-NP
Hip/Ridge Shingle	810110-WP	710110-NP

Specifications

Part	Size	Weight	Exposure	Coverage	Material
Field Shingle	32”x 27.5”x 0.030” (813mm x 699mm x 0.8mm)	Avg. 0.97lb (0.44kg)	Up to 9” (229mm)	1.875 Sq.ft (0.174 m2) (5.72 pcs per m2) (1.3 pcs per linear m)	HDPE
Hip/ Ridge Shingle	22”x 27.5”x 0.030” (559mm x 699mm x 0.8mm)	Avg. 0.37lb (0.18kg)	Avg. 9” (229mm)	0 Sq. ft (1 linear foot 2 pieces) 0 m2 (1 linear meter 5 pieces)	HDPE

Packaging & Storage

Part	Box	Bulk Stack
Field Shingle (All colors, and styles)	**Box** Quantity: 70pcs Size: 37”x 28”x 11” (940mm x711mm x 280mm) Weight: Approx. 70 lbs (31.75kg) Coverage: 12.2 m2 **Pallet** Quantity: 12 boxes (840pcs) Size: 40”x 48”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 900 lbs (408.2kg) Coverage: 146.8 m2	**Pallet** Full pallets only Quantity: 1,400 pcs Size: 40” x 48” ”x 69” (1016mm x 1219mm x 2260mm) Weight: Approx. 1,500 lbs (680.4kg) Coverage: 244.7 m2
Hip/ Ridge Shingle (All colors, and styles)	**Box** Quantity: 100pcs Size: 37”x 28”x 11” (940mm x 711mm x 280mm) Weight: Approx. 45 lbs (20.41kg) Coverage: 0 m2 **Pallet** Quantity: 12 boxes (1,200pcs) Size: 40”x 48”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 600 lbs (272.1kg) Coverage: 0 m2	**Pallet** Full pallets only Quantity: 1000 pcs Size: 40” x 48” ”x 89” (1016mm x 1219mm x 2260mm) Weight: Approx. 400 lbs (181.4kg) Coverage: 0 m2

Storage: Store VIVA palm 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.

Testing & Approval

- **Florida Product Approval FL-21047-R2**

Test Standard	Result
(Fire) ASTM E-108	Class A
(Fire) ASTM E-84	Flame Spread 15
(Fire) ASTM E-84	Ceiling SDI 300
(Fire) UL 723	Flame Spread 15
(Fire) UL 723	Ceiling SDI 300
(Wind) ASTM D-3161	Class F
(Wind) TAS 107-95	110 MPH (Maximum test speed)
(Wind + Rain) TAS 100-95	Pass
(Uplift) UL 1897	Design Pressure 97.5 PSF
(Pull out) ASTM 3462	97 LBS.
(Physical properties) ASTM D 882	2630 PSI
(Physical properties) ASTM D 882	139%
UNE-EN 13501-1:2007+A1:2010(spain)	Broof(t1)
(Fire)As/Nzs 1530.3:1999(Australia)	Ignitability Index: 12 (0-12)
(Fire)As/Nzs 1530.3:1999(Australia)	Spread of Flame Index: 3 (0-10)
(Fire)As/Nzs 1530.3:1999(Australia)	Heat Evolved Index: 2 (0-10)
(Fire)As/Nzs 1530.3:1999(Australia)	Smoke Developed Index: 3 (0-10)
(Solar Reflectance) ASTM E-1980	New Palm- 0.25 Weathered Palm- 0.15
(Thermal Emittance) ASTM E-1980	New Palm- 0.88 Weathered Palm- 0.90
(SRI [medium wind]) ASTM E-1980	New Palm- 25 Weathered Palm- 13

Maintenance

VIVA palm 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

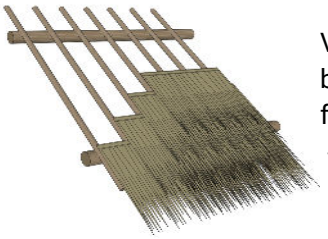
VIVA palm has a 20 year limited warranty that covers faults in materials and workmanship in accordance with current warranty terms.

Application

VIVA palm 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: Horizontal batten, Vertical batten, Plywood deck, Concrete, and Metal. VIVA palm is suitable for use on any sloped roof with a pitch of 4:12 (18°) or greater. The total thickness of the roof system when installed is 1-1/2" (38.1mm).

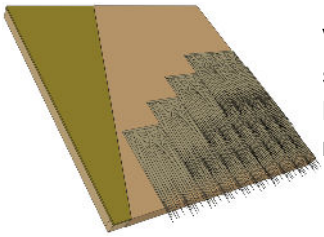
Horizontal Batten

VIVA palm installed over horizontal battens (up to 9"/229mm O.C.) functions as both the waterproofing and interior ceiling finish. Recommended fastener (6 per shingle) 11 gauge 1.25" ring shank roofing nails / 1.25" # 8 truss head screw



Vertical Batten

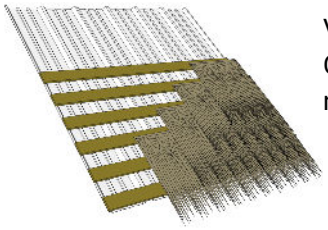
VIVA palm installed over vertical batten (up to 9"/229mm O.C.) functions as both the waterproofing and interior ceiling finish. Recommended fastener (5 per shingle) 11 gauge 1.25" ring shank roofing nail / 1.25" #8 truss head screws. ***folded field shingle design only**



Plywood Deck

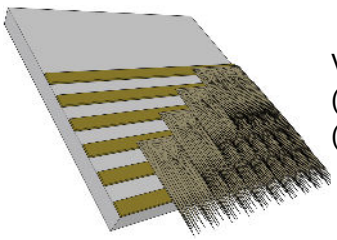
VIVA palm installed over min. 15/32" plywood deck, granulated underlayment soprema elastophene stick HR FR+ GR (up to 9"/229mm O.C.) Recommended fastener (6 per shingle) 11 gauge 1.25" ring shank roofing nail / 1.25" #8 truss head screws.

***this configuration complies with the Florida Product Approval FL-21047-R2**



Metal

VIVA palm installed over metal deck, PT pine 1"x 4" battens (up to 9"/229mm O.C.) Recommended fastener (6 per shingle) 11 gauge 1" ring shank roofing nail / 1.25" #8 truss head screws.



Concrete

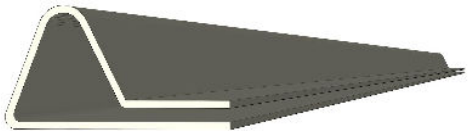
VIVA palm installed over concrete deck, PT pine 1"x 4" battens (up to 9"/229mm O.C.) Recommended fastener (6 per shingle) (11 gauge 1" ring shank roofing nails / 1.25" #8 truss head screws.

VIVA palm with Zip Channel

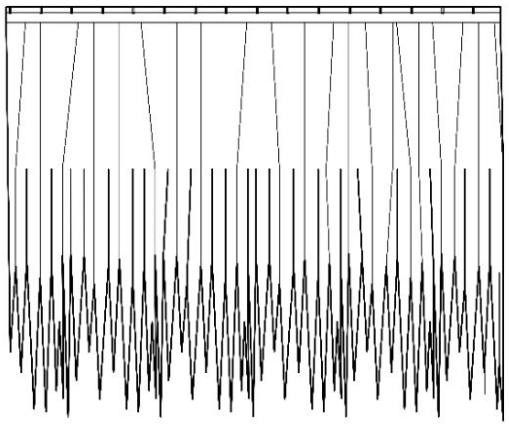
Description

VIVA palm with Zip Channel is an independently waterproof, self spanning synthetic thatched roofing system. The system is comprised of individual HDPE VIVA palm shingles interlocked into a 19 Gauge aluminum channel. VIVA palm with Zip channel eliminates the need for horizontal battens or purlins and installs directly to vertical rafters with spacing up to 32”(813mm).

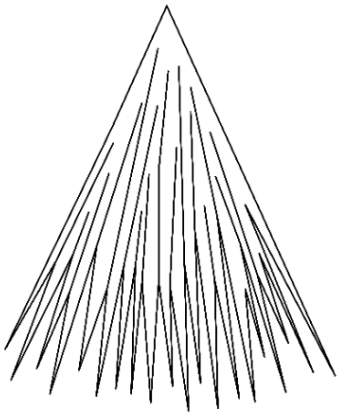
Components



Zip Channel



Field Shingle



Hip Shingle

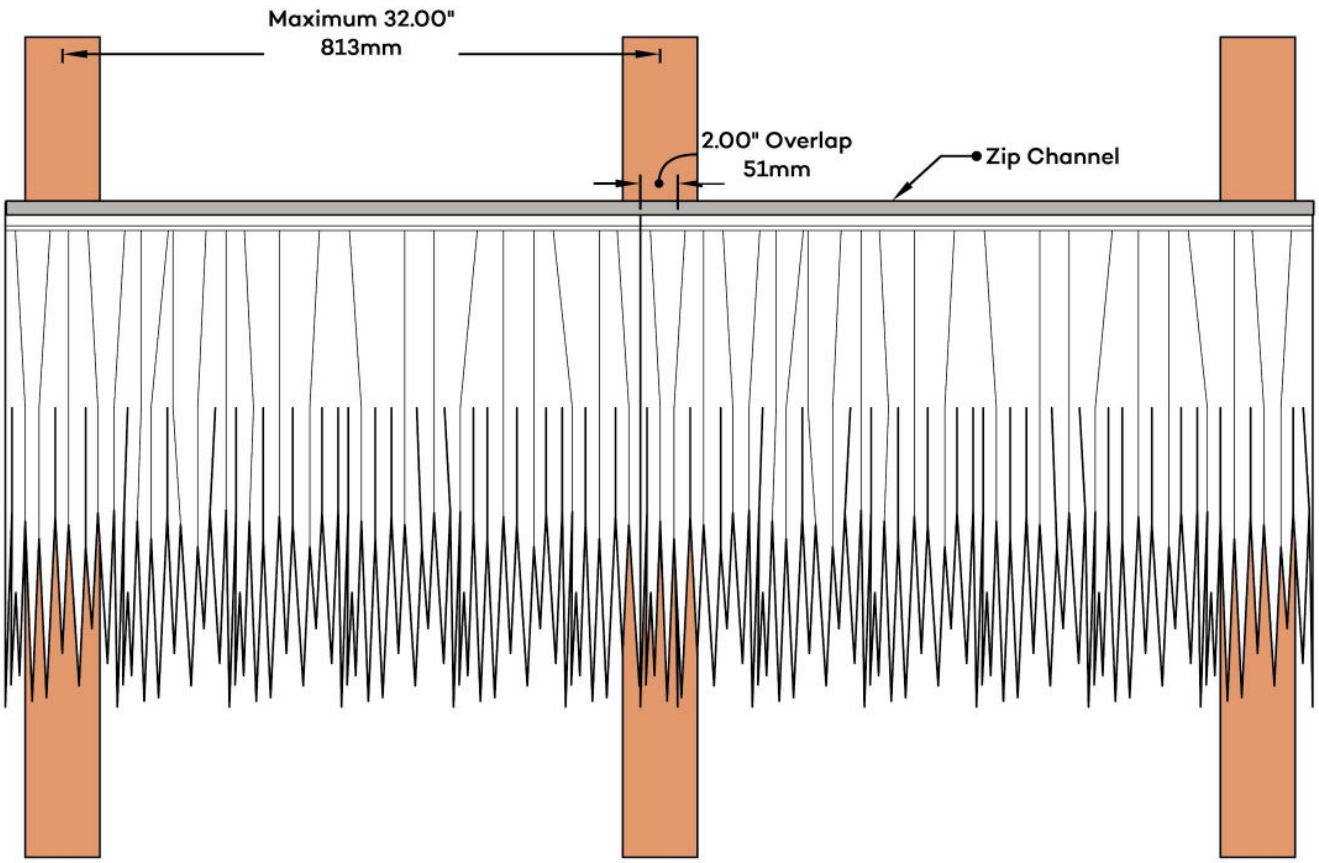
Part Numbers	**Weathered Palm**	**New Palm**
Zip Channel	41000	41000
Folded Field Shingle	810100-WP	710100-NP
Hip/Ridge Shingle	810110-WP	710110-NP

Specifications

Part	Size	Weight	Exposure	Coverage	Material
Zip Channel	10'x 0.71" (3048mm x 18mm)	Avg. 1.4lb (0.64kg)	Up to 9" (229mm)	10 linear ft (3.05) linear m	Aluminum
Field Shingle	32"x 27.5"x 0.030" (813mm x 699mm x 0.8mm)	Avg. 0.97lb (0.44kg)	Up to 9" (229mm)	1.875 Sq.ft (0.174 m2) (5.72 pcs per m2) (1.3 pcs per linear m)	HDPE
Hip/ Ridge Shingle	22"x 27.5"x 0.030" (559mm x 699mm x 0.8mm)	Avg. 0.37lb (0.18kg)	9" average (229mm)	0 Sq. ft (1 linear foot 2 pieces) 0 m2 (1 linear meter 5 pieces)	HDPE

Packaging and Storage

Part	Box	Bulk Stack
Zip Channel	**Bundle** Quantity: 30 pcs per bundle Size: 10' x 3"x 3" (3048mm x 76mm x 76mm) Weight: 42 lbs (19kg)	N/A
Field Shingle (All colors, and styles)	**Box** Quantity: 70pcs Size: 37"x 28"x 11" (940mm x711mm x 280mm) Weight: Approx. 70 lbs (31.75kg) Coverage: 12.2 m2 **Pallet** Quantity: 12 boxes (840pcs) Size: 40"x 48"x 89" (1016mm x 1219mm x 2260mm) Weight: Approx. 900 lbs (408.2kg) Coverage: 146.8 m2	**Pallet** Full pallets only Quantity: 1,400 pcs Size: 40" x 48" "x 69" (1016mm x 1219mm x 2260mm) Weight: Approx. 1,500 lbs (680.4kg) Coverage: 244.7 m2
Hip/ Ridge Shingle (All colors, and styles)	**Box** Quantity: 100pcs Size: 37"x 28"x 11" (940mm x 711mm x 280mm) Weight: Approx. 45 lbs (20.41kg) Coverage: 0 m2 **Pallet** Quantity: 12 boxes (1,200pcs) Size: 40"x 48"x 89" (1016mm x 1219mm x 2260mm) Weight: Approx. 600 lbs (272.1kg) Coverage: 0 m2	**Pallet** Full pallets only Quantity: 1000 pcs Size: 40" x 48" "x 89" (1016mm x 1219mm x 2260mm) Weight: Approx. 400 lbs (181.4kg) Coverage: 0 m2

Storage: Store VIVA palm for Zip Channel installation 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.

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