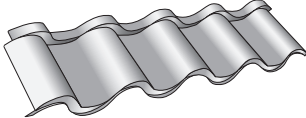


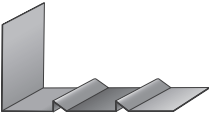



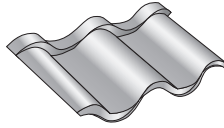
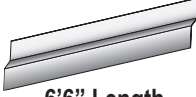
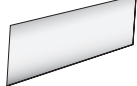


Project Name:

Date:

Description	Profile	Color	Calculations	Total
(A) <b>Villa Tile</b> 25.2 panels per square 14-1/2" exposure - min pitch 3:12 stone coated			Squares x 25.2 = Panels (6-10% Waste Factor)	
(B) <b>Tile/Villa Hip &amp; Ridge</b> As needed for hip, ridge & rake / gable stone coated	 14-1/2" Exposure		Linear Feet x 12 ÷ 14.5 = Pieces Needed	
<b>Tile/Villa End Cap</b> stone coated			As needed for closure at hip, ridge & rake/gable at eave	
(C) <b>Villa Channel</b> For use along hips (both sides) and rakes/gables (finish with H&R Piece) Also for use along sidewalls, including skylights and chimneys aluminum-zinc alloy coated steel	 6'6" Length	n/a	Linear Feet ÷ 6 = Pieces Needed (x2) For Hips (x1) for Other (Includes 6" overlap)	
(D) <b>Villa Bird Stop - Eave</b> For use along eaves at first course stone coated	 5' Length		Linear Feet of Eave ÷ 5 = Pieces Needed (When estimating allow for 7/8" overlap)	
(E) <b>Villa Bird Stop - Ridge</b> For use along ridges, on both sides of ridge stone coated	 5' Length		(Linear Feet of Ridge x 2) ÷ 5 = Pieces Needed (When estimating allow for approx. 1-1/2" overlap)	
(F) <b>Villa Valley</b> 17" Wide aluminum-zinc alloy coated steel	 6'6" Length	n/a	Linear Feet of Valley ÷ 6 = Pieces Needed (Includes 6" Overlap)	
(G) <b>Villa Underpan</b> Panel Width x 22" (Use with Non-Lead Pipe Jacks) aluminum-zinc alloy coated steel		n/a	1 per Roof Penetration	
<b>Side Flashing</b> Roof-to-Wall Counter Flashing stone coated	 6'6" Length		Linear Feet ÷ 6 = Pieces Needed (Includes 6" Overlap)	
<b>Flat Sheet</b> 16" x 54" stone coated				
<b>Corrosion Resistant Screws</b> 1/4" Hex x 1-1/2"	<b>2,000 / box</b> Use fasteners of sufficient length to penetrate through the sheathing (deck) by at least 1/2"	n/a	1 Box (2000 pcs) per 15 Squares	
<b>Color Coordinated Corrosion Resistant Screws</b> 1/4" Hex x 1-1/2"	<b>500 pc / bag</b> <b>4 bags / box</b>		As needed along first course at Bird Stop - Eave and for Hip & Ridge attachment	
<b>Touch-Up Kit</b>	Bag of stone chip & bottle of acrylic base coat (Use to touch up pipe or vent penetrations, transitions and panels)			

Unique Color Blends: Amalfi Sand, Capri Clay, Pompeii Ash, Rustico Clay and Venetian Gold

CONSULT LOCAL BUILDING CODES.

COPPER AND LEAD ACCESSORIES ARE NOT TO BE USED DUE TO DISSIMILAR METAL REACTION.

This estimate is provided in good faith and should not be assumed to reflect the exact components required to roof this plan.

DECRA Roofing Systems will not be held liable for the accuracy of this estimate.

**(A) Villa Tile Field Panels**  
(6-10% waste)  
25.2 panels per square

**(B) Villa Hip & Ridge**  
(along hip, ridge and rake/gable)  
Tile/Villa Hip & Ridge Pieces  
14-1/2" exposure

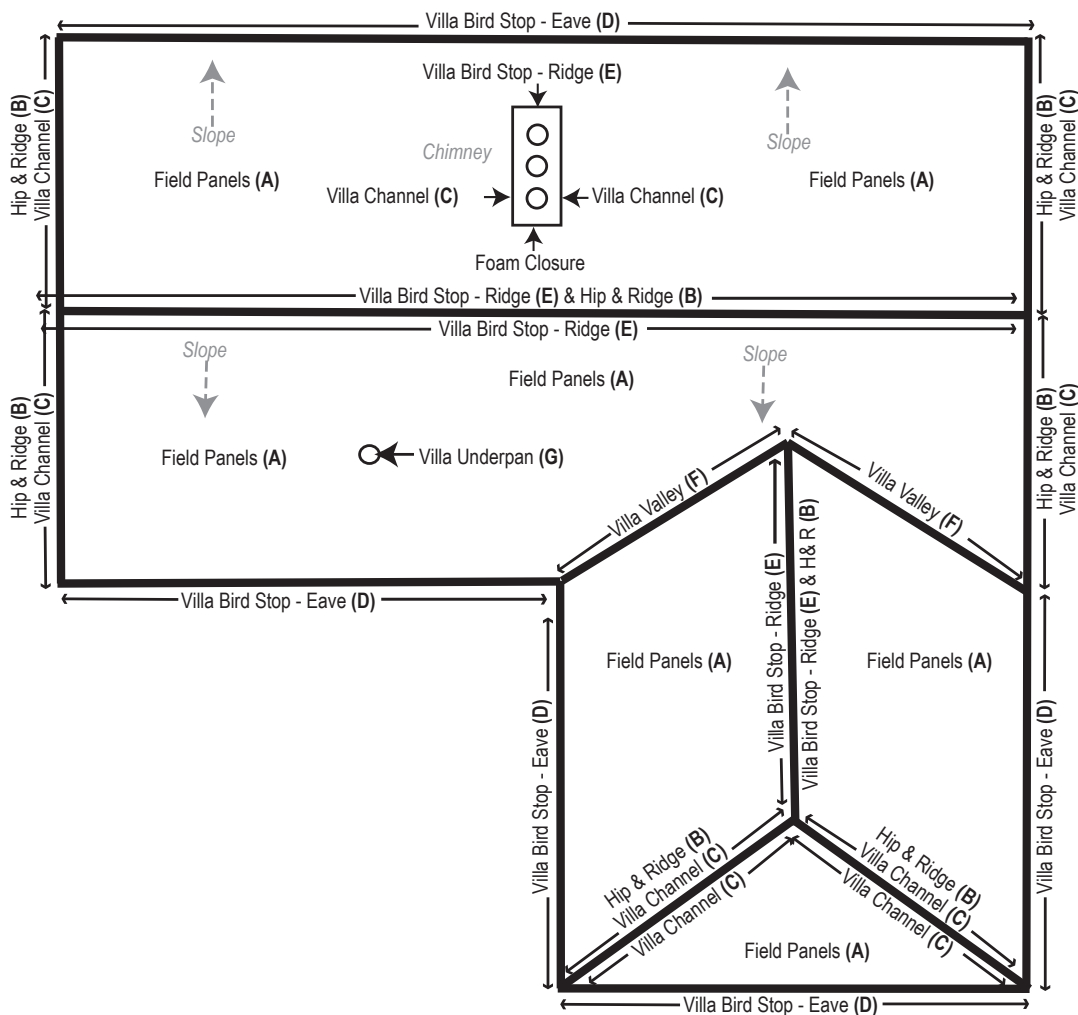
**(C) Villa Channel** (rake/gable,  
roof-to-wall and along both  
sides of the hip)  
6'6" Lengths

**(D) Villa Bird Stop - Eave**  
5' Lengths

**(E) Villa Bird Stop - Ridge**  
5' Lengths

**(F) Villa Valley**  
6'6" Lengths

**(G) Villa Underpan**  
Panel Width x 22"



- ✓ Tin Snips
- ✓ Tape Measure
- ✓ Local Code Requirements
- ✓ Circular Saw
- ✓ Table Saw
- ✓ Screw Gun
- ✓ Polyurethane Sealant
- ✓ Hand Seamer
- ✓ Spray Paint
- ✓ Galvanized Pipe Jacks (No Lead)
- ✓ 2 x 2s to secure Hip & Ridge Pieces along rakes/gables, hips and ridges  
(Should equal the same linear footage as total Hip & Ridge Pieces, each Hip & Ridge Piece equals 14-1/2")
- ✓ 1 x 4s or 1 x 2s (in same total linear feet as Villa Bird Stop - Eave) set back 15-1/2" from the fascia. measurement (D) in the roof diagram above. Secure lumber and the back of the first course of panels using No. 9 screws that will fit flat to the 1 x 4 and are long enough to securely penetrate the deck.
- ✓ Villa Bird Stop - Eave overlaps 7/8" and must be notched to assure proper fit into Villa Channel at rake/gable, hip and roof-to-wall.
- ✓ Closure strip or tape is recommended in areas where required by code or warranted by weather conditions.

### Panels Needed

Rafter Length		Eave Length
1' 2"	1	3' 3"
2' 4.5"	2	6' 6"
3' 7"	3	9' 9"
4' 9.5"	4	13'
6'	5	16' 3"
7' 2.5"	6	19' 6"
8' 5"	7	22' 9"
9' 7.5"	8	26'
10' 10"	9	29' 3"
12'	10	32' 6"
13' 3"	11	35' 9"
14' 5.5"	12	39'
15' 8"	13	42' 3"
16' 10.5"	14	45' 6"
18'	15	48' 9"
19' 3.5"	16	52'
20' 6"	17	55' 3"
21' 8.5"	18	58' 6"
22' 11"	19	61' 9"
24' 1.5"	20	65'

Use as guide only