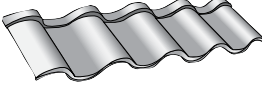
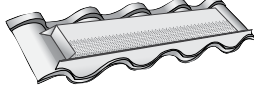


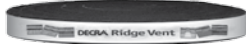
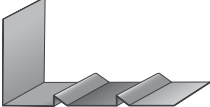



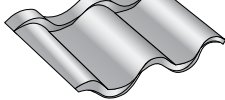
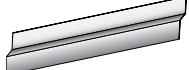



Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Description	Profile	Color	Calculations	Total
(A) <b>DECRA Villa Tile</b> 2,71 panels per m <sup>2</sup> 36,8 cm exposure – min pitch 25%			m <sup>2</sup> x 2,71 = Panels (6-10% Waste Factor)	
<b>DECRA Villa Tile Panel Vent</b>			<b>Ventilation Calculator</b> available at <a href="http://www.decra.com">www.decra.com</a>	
(B) <b>Tile Hip &amp; Ridge</b> As needed for hips, ridges & rake/gables	 36,83 cm exposure		Linear meters ÷ 0,368 m = Pieces Needed	
<b>Tile End Cap</b>			As needed for closure at hip, ridge & rake/ gable at eave	
<b>DECRA Ridge Vent</b> (2) 6,1 m rolls / package	 (2) 6,35 cm W x 2,54 cm H x 6,1 m L	n/a	Linear Meters Ridge ÷ 6,1 = Packages Needed <b>Ventilation Calculator</b> available at <a href="http://www.decra.com">www.decra.com</a>	
(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	 1,98 m Length	n/a	Linear Meters ÷ 1,83 m = Pieces Needed (x2) For Hips (x1) for Other (Includes 15 cm overlap)	
(D) <b>Villa Bird Stop - Eave</b> For use along eaves at first course	 1,52 m Length		Linear Meters of Eave ÷ 1,50 m = Pieces Needed (When estimating allow for 2 cm overlap)	
(E) <b>Villa Bird Stop - Ridge</b> For use along ridges, on both sides of ridge	 1,52 m Length		(Linear meters of Ridge x 2) ÷ 1,48 = Pieces Needed (When estimating allow for 4 cm overlap)	
(F) <b>Villa Valley</b> 43 cm Wide	 1,98 m Length	n/a	Linear Meters ÷ 1,83 = Pieces Needed (includes 15 cm Overlap)	
(G) <b>Villa Underpan</b> 46.35 cm x 55.9 cm (Use with Non-Lead Pipe Jacks)		n/a	1 per Roof Penetration	
<b>Side Flashing</b> For use to counter flash side wall	 1,98 m Length		Linear Meters ÷ 1,83 = Pieces Needed (Includes 15 cm Overlap)	
<b>Flat Sheet</b> 40,6 cm x 137 cm				
<b>Corrosion Resistant Screws</b> #9 Hex (0,63 cm diameter or 1/4") x 3,8 cm long	<b>2,000 / box</b> Use fasteners of sufficient length to penetrate through the sheathing (deck) by at least 5 cm	n/a	1 Box (2,000 pcs) per 139,35 m <sup>2</sup>	
<b>Color Coordinated Corrosion Resistant Screws</b> #9 Hex (0,63 cm diameter or 1/4") x 3,8 cm long	<b>500 pc / bag</b> <b>4 bags / box</b>		(Number of Hip & Ridge Pieces + Linear Feet Fascia/Bird Stop - Eave) x 2	
<b>1x2 and or 2x2 Timber Battens (Non-Treated)</b>	Stacked 2x2s / 1x2s at rake/gable, hips and ridges as needed	n/a		
<b>1x4 Timber Battens (Non-Treated)</b>	For use on first course	n/a		
<b>Touch-Up Kit</b> Use at penetrations, transitions & panels	Bag of stone chip & bottle of acrylic base coat			

Colors: Amalfi Sand, Capri Clay, Pompeii Ash, Rustico Clay and Venetian Gold

**\*CONSULT LOCAL BUILDING CODES. \*\*HIGH WIND AREAS REQUIRE ADDITIONAL FASTENERS. 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)  
2,71 panels per m<sup>2</sup>

**(B) Tile Hip & Ridge**  
(along hip, ridge and rake/gable)  
Tile Hip & Ridge Pieces  
36,83 cm exposure

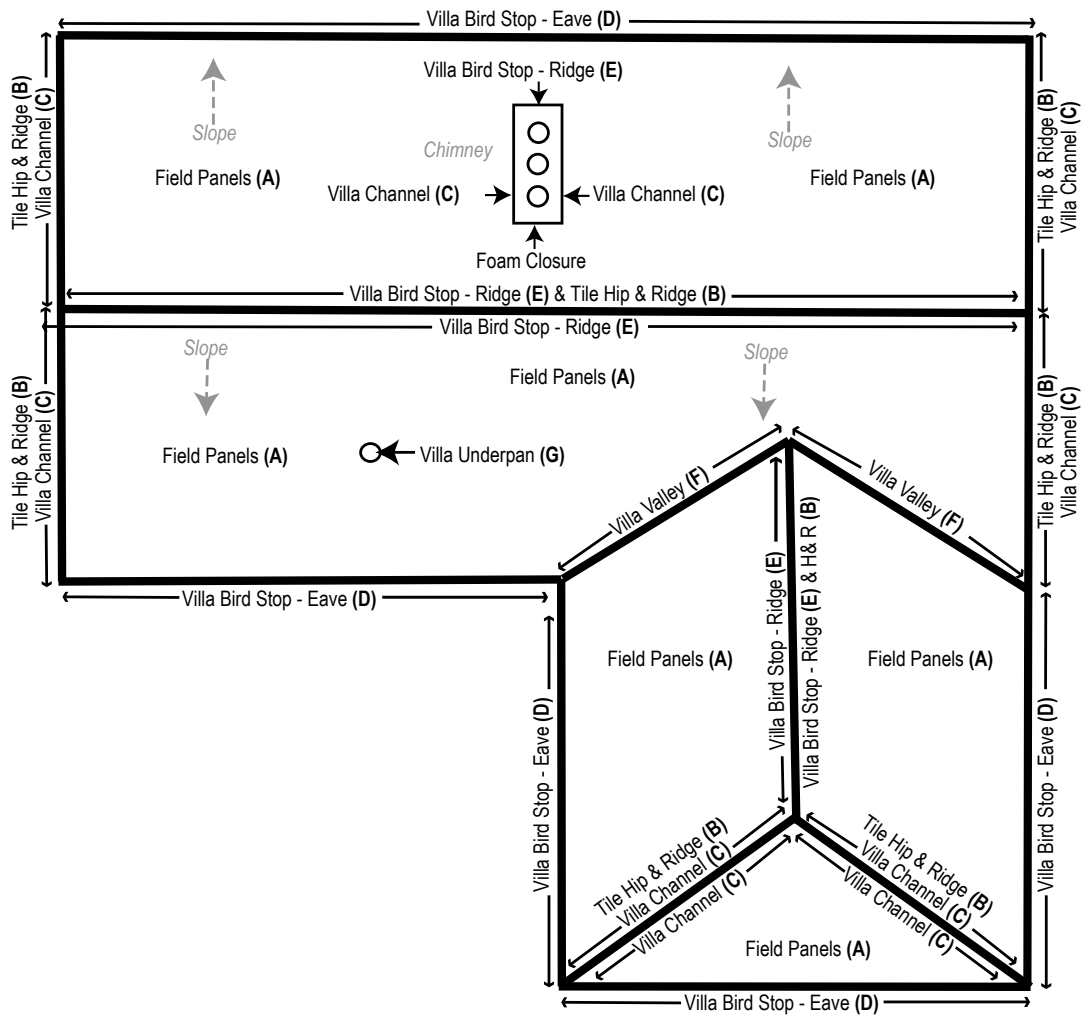
**(C) Villa Channel** (rake/gable,  
roof-to-wall and along both  
sides of the hip)  
1,98 m Length

**(D) Villa Bird Stop - Eave**  
1,52 m Length

**(E) Villa Bird Stop - Ridge**  
1,52 m Length

**(F) Villa Valley**  
1,98 m Length

**(G) Villa Underpan**  
46.35 cm x 55.9 cm



- ✓ 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 36,83 cm)
- ✓ 1 x 4s or 1 x 2s (in same total linear feet as Villa Bird Stop - Eave) set back 39,6 m 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 2 cm 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
35,56 cm	1	0,99 m
72,39 cm	2	1,981 m
1,092 m	3	2,971 m
1,460 m	4	3,962 m
1,828 m	5	4,953 m
2,197 m	6	5,943 m
2,565 m	7	6,934 m
2,933 m	8	7,924 m
3,302 m	9	8,915 m
3,657 m	10	9,906 m
4,038 m	11	10,896 m
4,406 m	12	11,887 m
4,775 m	13	12,876 m
5,143 m	14	13,868 m
5,486 m	15	14,859 m
5,880 m	16	15,849 m
6,248 m	17	16,840 m
6,616 m	18	17,830 m
6,985 m	19	18,821 m
7,350 m	20	19,812 m

Use as guide only