
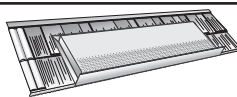
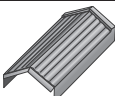


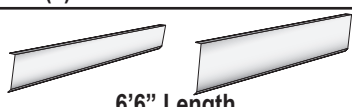


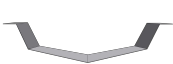
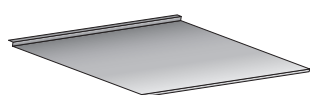
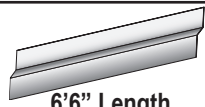
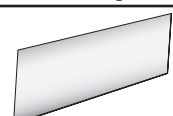


Project Name:

Date:

Description	Profile	Color	Calculations	Total
(A) <b>DECRA Shingle Plus</b> 20 panels per square; 14-1/2" exposure stone coated			Squares x 20 = Panels (8-12% waste factor)	
<b>DECRA Shingle Plus Panel Vent</b>			<b>Ventilation Calculator</b> available at <a href="http://www.decra.com">www.decra.com</a>	
(B) <b>Shingle Plus Hip &amp; Ridge</b> As needed for hip, ridge & rake / gable stone coated	 14-1/2" exposure		Linear Feet x 12 ÷ Exposure = Pieces Needed	
<b>Shingle Plus End Cap</b> stone coated			As needed for closure at hip & rake/gable at eave	
<b>DECRA Ridge Vent</b> (2) 20' rolls / package	 (2) 2-1/2" W x 1" H x 20' L	n/a	Linear Feet Ridge ÷ 20 = Packages Needed <b>Ventilation Calculator</b> available at <a href="http://www.decra.com">www.decra.com</a>	
(C) <b>3.5" Fascia Metal (Eave) Flashing</b> <b>5" Fascia Metal (Eave) Flashing</b> stone coated	 6'6" Length		Linear Feet ÷ 6 = Pieces (Includes 6" overlap)	
<b>DECRA High-Profile Debris Guard</b> For use along rakes/gables, hips & valleys as needed	 (2) 1-1/2" W x 1" H x 50' L n	n/a	Linear Feet Rake/Gable ÷ 50 = Rolls Needed Linear Feet Hips/Valleys ÷ 50 (2) = Rolls Needed	
(D) <b>Valley Metal</b> "W" Style Valley 6'6" Length		n/a	(When estimating allow for 6" overlap)	
<b>Valley Metal</b> "U" Style Valley 6'6" Length				
(E) <b>Underpan</b> Panel Width x 24" (Use with Non-Lead Pipe Jacks) aluminum-zinc alloy coated steel		n/a	1 per Roof Penetration	
(F) <b>Side Flashing</b> Roof-to-Wall Counter Flashing stone coated	 6'6" Length		Linear Feet ÷ 6 = Pieces (Includes 6" overlap)	
<b>Flat Sheet</b> 16" x 54" stone coated				
<b>1x2 and or 2x2 Wood Battens</b> (Non-Treated)	Stacked 2x2s / 1x2s at hips and ridges as needed	n/a		
<b>Color Coordinated Corrosion Resistant Screws*</b> #10 Hex (3/16" diameter) x 1-1/2" long	500 pc / bag 4 bags / box		1 Bag Per 4 Squares**	
<b>Panel Nails<sup>1</sup></b> 8d Super Black (full head)	#50 box 21° Strip 5000 nails	BLACK	1 box per 35-40 squares	
<b>2x2 Wood Battens<sup>2</sup></b> (Non-Treated)	100 Linear Feet per Square	n/a		
<b>1x4 Counter Battens<sup>2</sup></b>	60 Linear Feet per Square (Use when roofing "over" irregular existing materials)	n/a		
<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)			

<sup>1</sup> If nails are used in lieu of screws for panel fastening, source locally.; <sup>2</sup> Battens and counter-battens use 16d common nails.

Available Colors: Classic Cobblestone, Midnight Eclipse, Natural Slate, Old Hickory, Woodland Green

**\*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.*

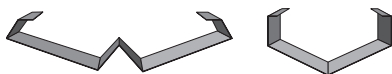
For Installation Questions Call DECRA Roofing Systems at 800-258-9740.

**(A) Field Panels**  
(8-12% waste)  
**DECRA Shingle Plus**  
20 panels per square

**(B) Hip & Ridge (hip, ridge, rake/gable)**  
Shingle Plus Hip & Ridge  
14-1/2" exposure

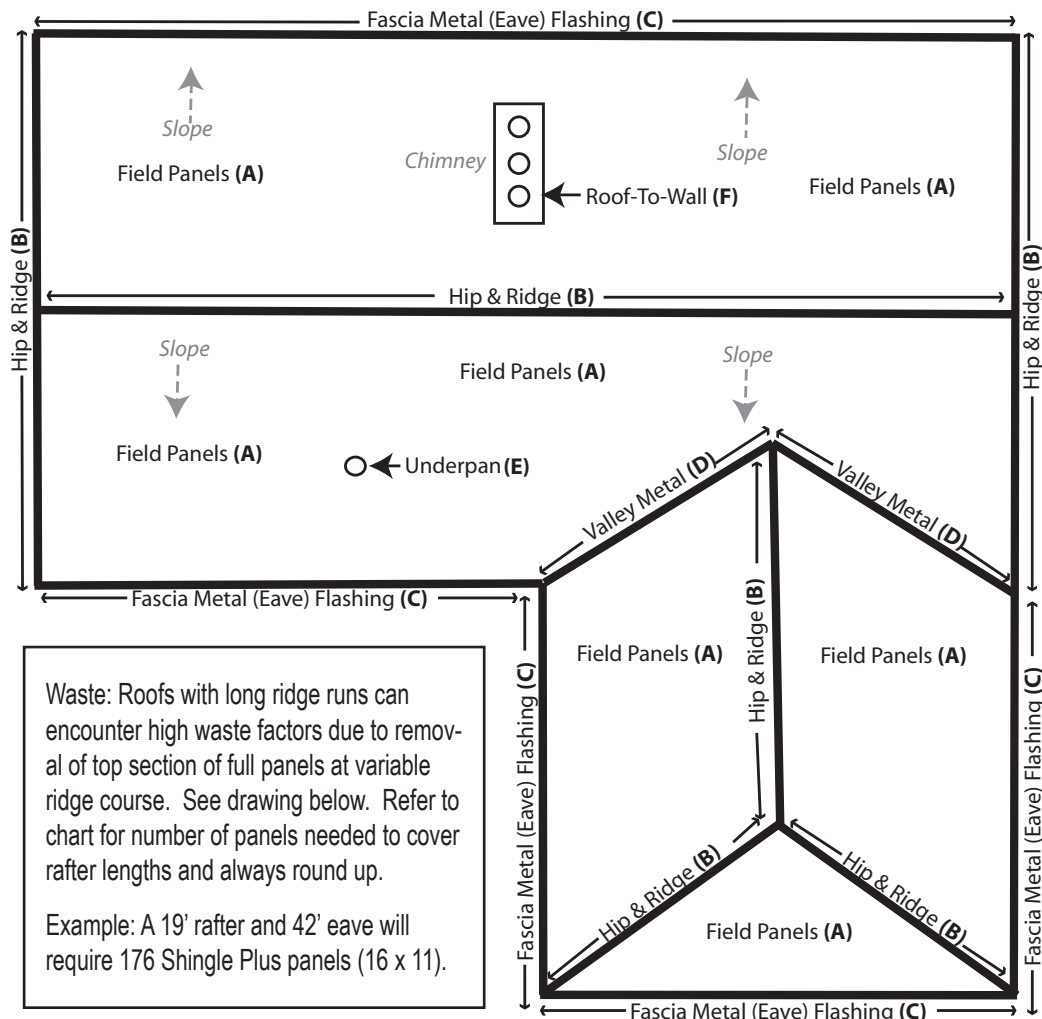
**(C) Fascia Metal (Eave) Flashing**  
3.5" vertical face (tear-off or new)  
5" vertical face (roof over)

**(D) Valley Metal, 10' lengths**  
Minimum 7-1/2" wide and  
1-1/2" upturn at edge

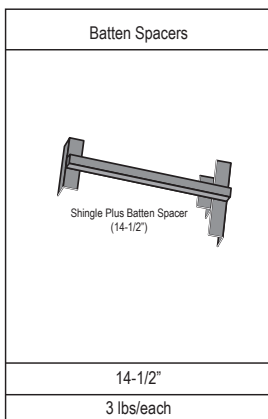
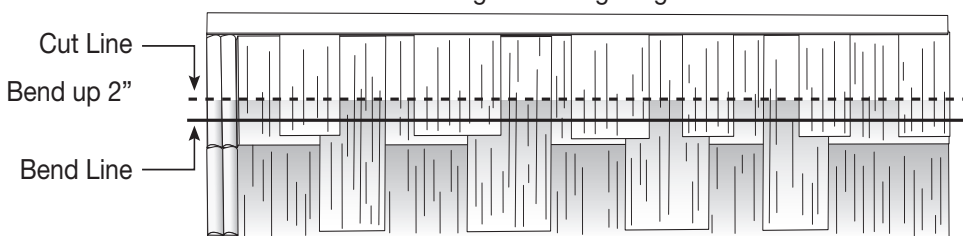


**(E) Underpan**  
Use with non-lead pipe jacks

**(F) Side Flashing**  
4" Face, "Z" Bar counter flashing



**Cutting & Bending Ridge Panels**



- ✓ *Tin Snips*
- ✓ *Nail Gun*
- ✓ *Screw Gun*
- ✓ *Galvanized Pipe Jacks (No Lead)*
- ✓ *Batten Fasteners (16d Nails or 3-1/2" Screws)*
- ✓ *Tape Measure*
- ✓ *Circular Saw*
- ✓ *Roofing Grade Sealant/Adhesive*
- ✓ *Touch-Up Kits*
- ✓ *Observe Local Code Requirements*

**Shingle Plus Panels Needed**

Rafter Length		Eave Length
1' 2"	1	4' 2"
2' 4.5"	2	8' 4"
3' 7"	3	12' 6"
4' 9.5"	4	16' 8"
6'	5	20' 10"
7' 2.5"	6	25'
8' 5"	7	29' 2"
9' 7.5"	8	33' 4"
10' 10"	9	37' 6"
12'	10	41' 8"
13' 3"	11	45' 10"
14' 5.5"	12	50'
15' 8"	13	54' 2"
16' 10.5"	14	58' 4"
18'	15	62' 6"
19' 3.5"	16	66' 8"
20' 6"	17	70' 10"
21' 8.5"	18	75'
22' 11"	19	79' 2"
24' 1.5"	20	83' 4"

Use as guide only