

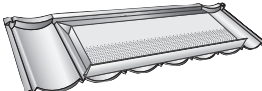

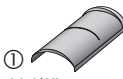
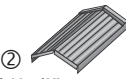


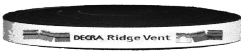




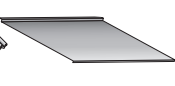
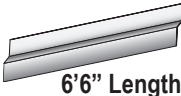
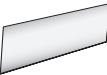


Project Name:

Date:

Description	Profile	Color	Calculations	Total
(A) DECRA Tile 20 panels per square 14-1/2" exposure - min pitch 3:12			Squares x 20 = Panels (8-12% Waste Factor)	
(A) DECRA Shake 22.4 panels per square 12-5/8" exposure - min pitch 3:12			Squares x 22.4 = Panels (8-12% Waste Factor)	
DECRA Tile Panel Vent			Ventilation Calculator available at www.decra.com	
DECRA Shake Panel Vent			Ventilation Calculator available at www.decra.com	
(B) ① Tile Hip & Ridge ② Shake Hip & Ridge	  ① 14-1/2" exposure ② 12-5/8" exposure		Linear Feet x 12 ÷ Exposure = Pieces Needed As needed for hip, ridge & rake/gable	
Tile End Cap Shake End Cap	  Tile Shake		As needed for closure at hip, ridge & rake/gable at eave	
DECRA Ridge Vent (2) 20' rolls / package	 (2) 2-1/2" W x 1" H x 20' L		Linear Feet Ridge ÷ 20 (2) = Rolls Needed Ventilation Calculator available at www.decra.com	
(C) 3.5" Fascia Metal (Eave) Flashing 5" Fascia Metal (Eave) Flashing 6'6" Length			Linear Feet ÷ 6 = Pieces Needed (Includes 6" Overlap)	
(D) Valley Metal "W" Style Valley 6'6" Length	Valley Metal "U" Style Valley 6'6" Length	  "W": Brown Paint "U": Stone Coat	(When estimating allow for 6" overlap)	
(E) Underpan Tile 16-1/2" x 24" Shake 14-5/8" x 24" (Use with Non-Lead Pipe Jacks)	  Tile Shake	n/a	1 per Roof Penetration	
(F) Side Flashing Roof-to-Wall Counter Flashing	 6'6" Length		Linear Feet ÷ 6 = Pieces Needed (Includes 6" Overlap)	
Flat Sheet 16" x 54"				
Color Coordinated Corrosion¹ Resistant Screws* #10 Hex (3/16" diameter) x 1-1/2" long	500 pc / bag 4 bags / box		1 Bag Per 4 Squares	
Touch-Up Kit or 5 lb. Bag of Chip Use at penetrations, transitions & panels	Bag of stone chip & cartridge of roof sealant or 5 lb. Bag of Chip			
2x2 Timber Battens² (Non-Treated) (Sourced Locally)	100 Linear Feet per Square on Tile 110 Linear Feet per Square on Shake	n/a		
1x4 Counter Battens² (Sourced Locally)	60 Linear Feet per Square (Use when roofing "over" irregular existing materials to level the deck)	n/a		

¹If nails are used in lieu of screws for panel fastening, use black 8d corrosion resistant box nails, full head, sourced locally.

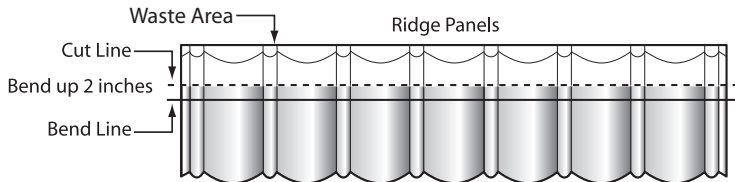
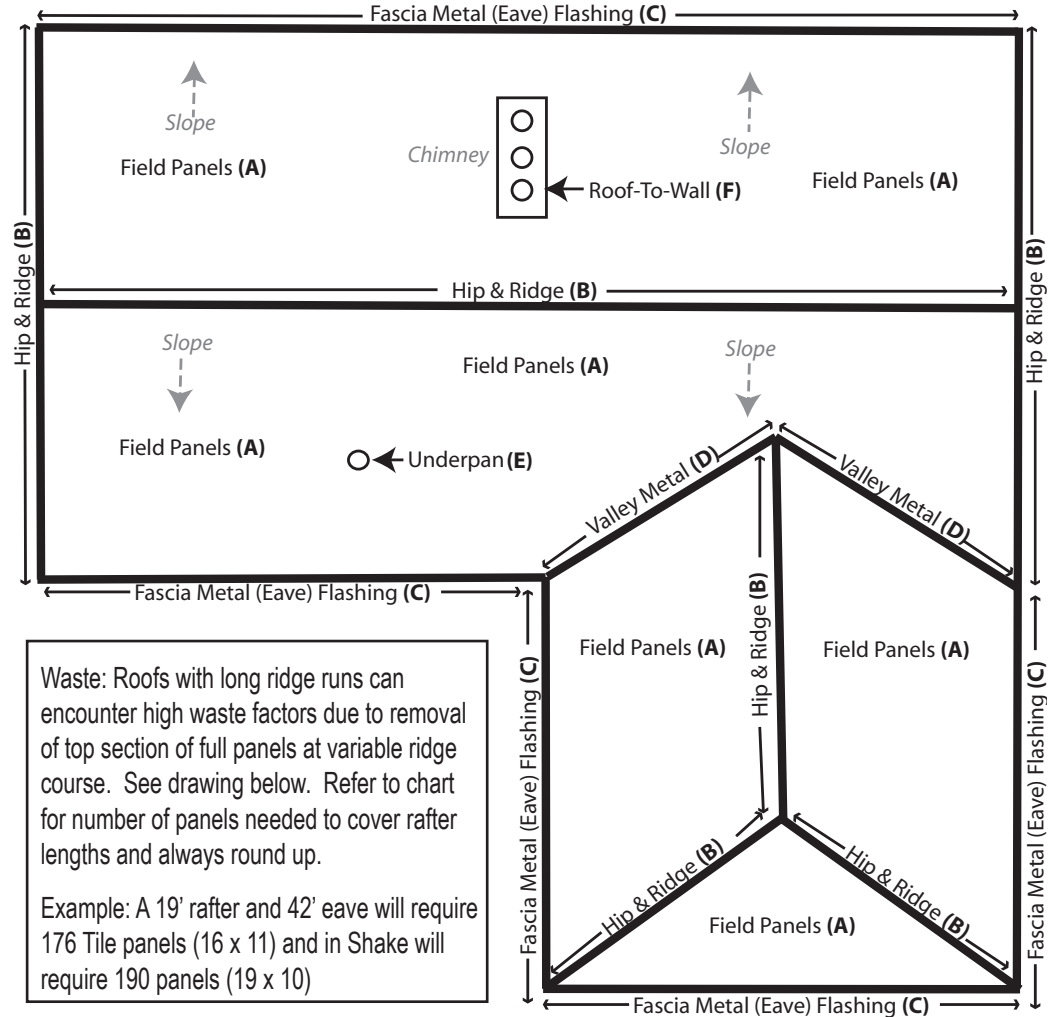
²Battens and counterbattens use 16d common nails.

 Colors: (Tile) Charcoal, Chestnut, Garnet, Granite Grey, Sea Green, Shadowood, Terracotta, Weathered Timber
 (Shake) Charcoal, Chestnut, Granite Grey, Sea Green, Shadowood, Weathered Timber

 *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.

www.decra.com

- (A) Field Panels**
(8-12% waste)
DECRA Tile
20 panels per square
DECRA Shake
22.4 panels per square
- (B) Hip & Ridge (hip, ridge, rake/gable)**
Tile Hip & Ridge (barrels)
14-1/2" exposure
Shake Hip & Ridge
12-5/8" exposure
- (C) Fascia Metal (Eave) Flashing 3.5"**
vertical face (tear-off or new) 5"
vertical face (roof over)
- (D) "W" & "U" Valley Metal, 6' 6" lengths**
- (E) Underpan**
Use with non-lead pipe jacks Tile
16-1/2" x 24"
Shake 14-5/8" x 24"
- (F) Side Flashing**
4" Face, "Z" Bar counter flashing



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

Cutter	DECRA Bender	Batten Spacers
Tile & Shake	Tile & Shake	14-1/2" or 12-5/8"
Weight 75 lbs	Weight 150 lbs	3 lbs/each

Panels Needed			
Tile		Shake	
Rafter Length	Eave Length	Rafter Length	Eave Length
1' 2"	1 4' 2"	12.5"	1 4' 3"
2' 4.5"	2 8' 4"	2' 1"	2 8' 6"
3' 7"	3 12' 6"	3' 1.75"	3 12' 9"
4' 9.5"	4 16' 8"	4' 2.25"	4 17'
6'	5 20' 10"	5' 3"	5 21' 3"
7' 2.5"	6 25'	6' 3.5"	6 25' 6"
8' 5"	7 29' 2"	7' 4"	7 29' 9"
9' 7.5"	8 33' 4"	8' 4.75"	8 34'
10' 10"	9 37' 6"	9' 5.5"	9 38' 3"
12'	10 41' 8"	10' 6"	10 42' 6"
13' 3"	11 45' 10"	11' 6"	11 46' 9"
14' 5.5"	12 50'	12' 7.25"	12 51'
15' 8"	13 54' 2"	13' 8"	13 55' 3"
16' 10.5"	14 58' 4"	14' 8.5"	14 59' 6"
18'	15 62' 6"	15' 9"	15 63' 9"
19' 3.5"	16 66' 8"	16' 9.75"	16 68'
20' 6"	17 70' 10"	17' 10.5"	17 72' 3"
21' 8.5"	18 75'	18' 11"	18 76' 6"
22' 11"	19 79' 2"	19' 11.75"	19 80' 9"
24' 1.5"	20 83' 4"	21'	20 85'

Use as guide only

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