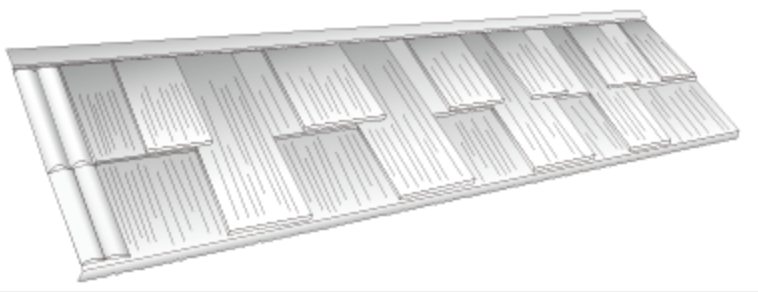

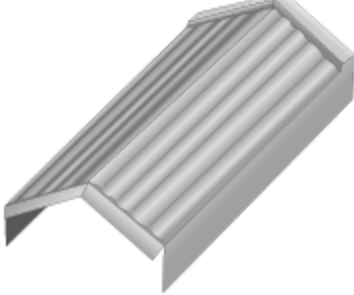





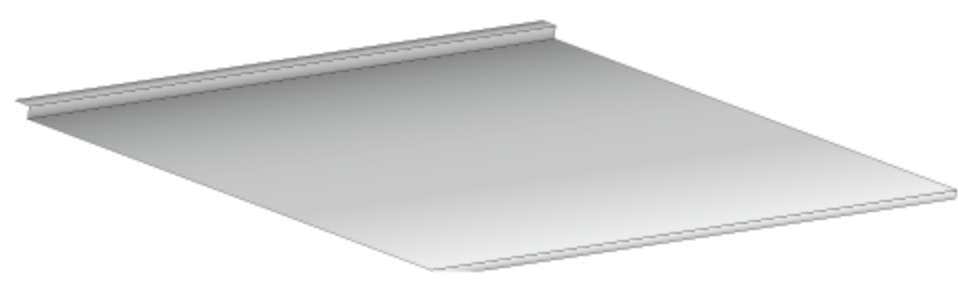




Project Name: _____

Date: _____

Description	Profile	Color	Calculations	Total
(A) Shingle Plus 20 panels per square; 14-1/2" exposure stone coated		Select	Squares x 20 = Panels (8-12% waste factor)	
Shingle Plus Panel Vent 14-1/2" exposure stone coated		Select		
(B) Shingle Plus Hip & Ridge As needed for hip, ridge & rake / gable stone coated	 14-1/2" exposure	Select	Linear Feet x 12 ÷ Exposure = Pieces Needed	
Shingle Plus End Cap stone coated		Select	As needed for closure at hip & rake/gable at eave	
Ridge Vent (2) 20' rolls / package	 (2) 2-1/2" W x 1" H x 20' L	n/a	Linear Feet Ridge ÷ 20 = Packages Needed	
(C) 3.5" Fascia Metal (Eave) Flashing 5" Fascia Metal (Eave) Flashing stone coated	 6'6" Length	Select	Linear Feet ÷ 6 = Pieces (Includes 6" overlap)	
High-Profile Debris Guard For use along rakes/gables, hips & valleys as needed	 (2) 1-1/2" W x 3/4" H x 50' L	n/a	Linear Feet Rake/Gable ÷ 50 = Rolls Needed Linear Feet Hips/Valleys ÷ 50 (2) = Rolls Needed	
(D) W Valley Metal U Valley Metal Brown Paint Stone Coated 6'6" Length 6'6" Length		n/a	(When estimating allow for 6" overlap)	
(E) Underpan Panel Width x 24" (Use with Non-Lead Pipe Jacks) aluminum-zinc alloy coated steel		n/a	1 per Roof Penetration	
(F) Side Flashing Roof-to-Wall Counter Flashing stone coated	 6'6" Length	Select	Linear Feet ÷ 6 = Pieces (Includes 6" overlap)	
Flat Sheet 16" x 54" stone coated		Select		
1x2 and or 2x2 Wood Battens (Non-Treated)	Stacked 2x2s / 1x2s at hips and ridges as needed	n/a		
Color Coordinated Corrosion Resistant Screws* #10 Hex (1/4" head) x 1-1/2" long	500 pc / bag 4 bags / box	Select	1 Bag Per 4 Squares**	
2x2 Wood Battens¹ (Non-Treated)	100 Linear Feet per Square	n/a		
1x4 Counter Battens¹	60 Linear Feet per Square (Use when roofing "over" irregular existing materials)	n/a		
Touch Up Kit	Bag of stone chip & cartridge of roof sealant (Use to touch up pipe or vent penetrations, transitions, and panels)	Select		

¹ 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.

(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

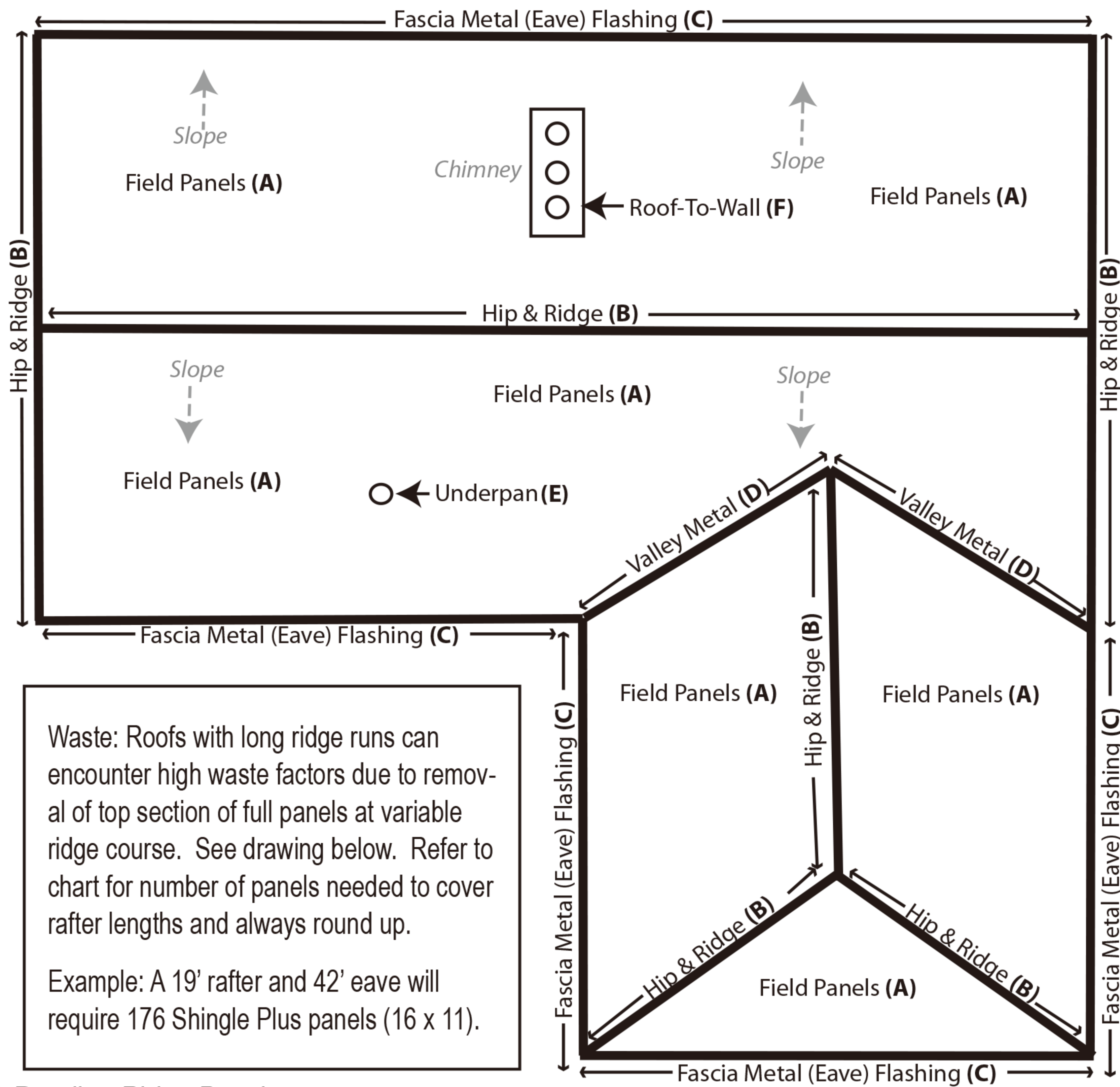
(C) Fascia Metal (Eave) Flashing 3.5"
vertical face (tear-off or new) 5"
vertical face (roof over)

(D) Valley Metal, 6' 6" lengths
Minimum 7-1/2" wide and
1-1/2" upturn at edge



(E) Underpan
Use with non-lead pipe jacks

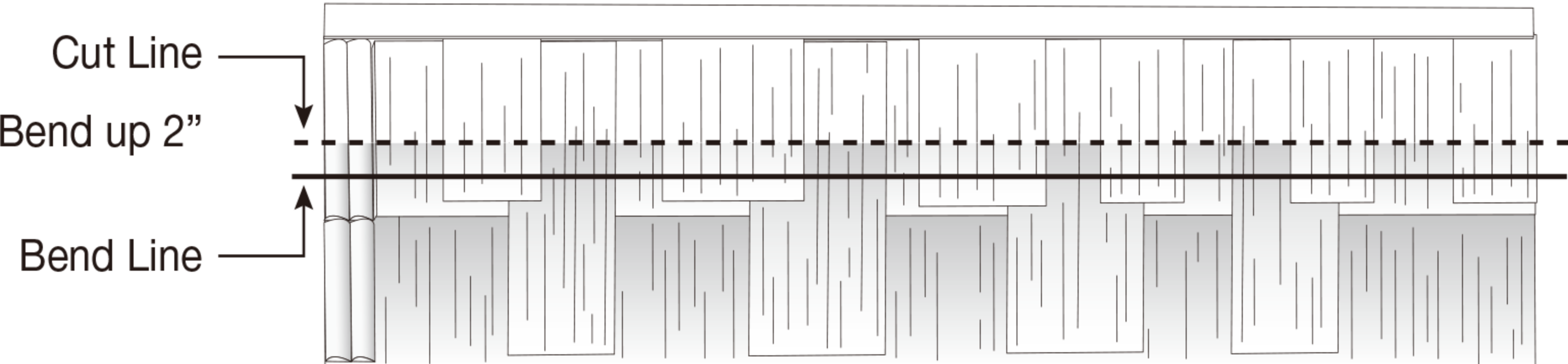
(F) Side Flashing
4" Face, "Z" Bar counter flashing



Waste: Roofs with long ridge runs can encounter high waste factors due to removal of top section of full panels at variable ridge course. See drawing below. Refer to chart for number of panels needed to cover rafter lengths and always round up.

Example: A 19' rafter and 42' eave will require 176 Shingle Plus panels (16 x 11).

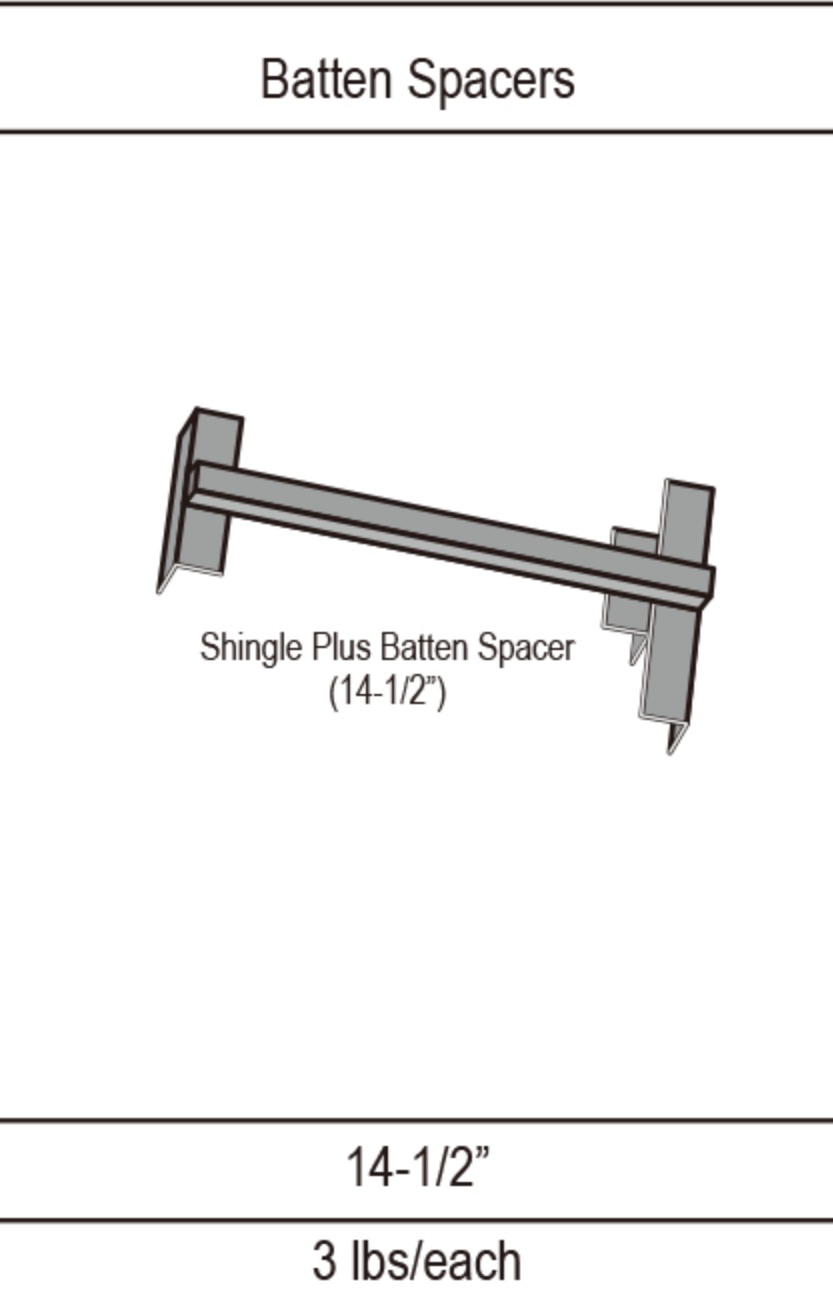
Cutting & Bending Ridge Panels



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



- ✓ 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