

Your logo

Your company name

ESTIMATE

Address _____ Estimate # _____
Phone _____ Date _____
Email _____ Valid until _____
License # / registration # _____

CUSTOMER

Customer name _____
Job address _____
Phone _____
Email _____

SCOPE OF WORK

Fill in: what you will do, in plain words. Example: Tear off one layer of asphalt shingles, replace damaged decking up to 2 sheets, install synthetic underlayment, ice and water shield at eaves and valleys, new drip edge, architectural shingles (brand, color), ridge vent, pipe boots, and haul away all debris.

Item	Description	Qty	Unit	Unit price	Line total
Tear-off and disposal			sq		
Decking replacement			sheet		
Underlayment			sq		
Ice and water shield			lf		
Drip edge			lf		
Shingles			sq		
Starter strip			lf		
Hip and ridge cap			lf		
Ridge vent			lf		
Pipe boots			each		
Flashing			lf		
Dumpster			each		
Labor			hr		

Quantities and prices come from the Worksheet tab. Overwrite any cell if you prefer.

What is not included: _____ Subtotal _____
Tax rate % _____
Tax _____
Payment terms: _____ Total _____
Deposit % _____
This estimate is valid until the date above. Prices can change if hidden damage is found; we will show you before we do extra work. Deposit due _____
Balance on completion _____

Customer signature _____ Date _____

Company signature _____ Date _____

WORKSHEET

Fill in: the boxes. Do the sums by hand, or use the spreadsheet. This page is for you, not the customer.

MEASUREMENTS				
Roof area		sq ft	Fill in: plan or ground area, or the area you measured on the roof.	
Pitch		rise per 12	Example: 6 for a 6/12 roof.	
Waste factor %		%	Default 10. 15% for hip roofs and cut-up roofs.	
Layers to tear off		layers	Default 1.	
Eave length		lf		
Rake length		lf		
Ridge length		lf		
Hip length		lf		
Valley length		lf		
Pipe penetrations		count		
Bundles per square		bundles	Default 3. Check the bundle wrapper.	
Underlayment roll		sq per roll	Default 10. Check the roll label.	

CALCULATIONS				
Pitch factor			$= \text{SQRT}(1 + (\text{pitch} / 12)^2)$	
Roof area with pitch		sq ft	$= \text{roof area} \times \text{pitch factor}$. Measured on the roof? Pitch 0.	
Squares		sq	$= \text{roof area with pitch} / 100$	
Squares with waste		sq	$= \text{squares} \times (1 + \text{waste \%} / 100)$	
Shingle bundles		bundles	$= \text{squares with waste} \times \text{bundles per square}$, round up	
Underlayment rolls		rolls	$= \text{squares with waste} / \text{sq per roll}$, round up	
Ice and water shield		lf	$= \text{eave} + \text{valley} \times 2$. Add rakes where your code requires it.	
Drip edge		lf	$= \text{eave} + \text{rake}$	
Drip edge pieces		10 ft pieces	$= \text{drip edge} / 10$, round up	
Starter strip		lf	$= \text{eave} + \text{rake}$	
Hip and ridge cap		lf	$= \text{ridge} + \text{hip}$	
Cap bundles		bundles	$= \text{cap} / 33$, round up	
Nails		boxes of 7,200	$= \text{squares with waste} \times 320 / 7,200$, round up	
Pipe boots		each	$= \text{pipe penetrations}$	

LABOR				
Crew size		people		
Hours per square		hours		
Hourly rate per person		\$ per hour		
Labor hours		hours	$= \text{squares with waste} \times \text{hours per square}$	
Labor cost		\$	$= \text{labor hours} \times \text{hourly rate}$	

QUANTITIES AND UNIT PRICES				
Item	Qty	Unit	Unit price	Line total
Tear-off and disposal		sq		
Decking replacement		sheet		
Underlayment		sq		
Ice and water shield		lf		
Drip edge		lf		
Shingles		sq		
Starter strip		lf		
Hip and ridge cap		lf		
Ridge vent		lf		
Pipe boots		each		
Flashing		lf		
Dumpster		each		
Labor		hr		