

STEP 1: PROJECT INFORMATION

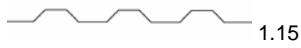
Project Name: _____

Project Street Address: _____

Project City: _____ Project State: _____ Project Zip Code: _____

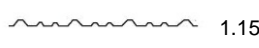
STEP 2: CALCULATE ROOF AREA

Multiply the number of roof squares x stretch (panel) factor (see below). Measure actual roof panels to determine exact stretch factor, including a small waste factor.



1.15

36" R-Panel



1.15

26" 5 V-Crimp Panel



1.20

16" Snap-Lock Panel



1.30

24" Trapezoidal Panel

_____ Squares x _____ (stretch factor) = _____ SQ (Actual surface area)

STEP 3: OBTAIN PRODUCT COSTS BASED ON PRODUCTS AND APPLICATION RATE

Product	Product Application	Estimated Application Rate	Product Cost	Product Units
Fasteners	Stitching screws	As Required	\$	Varies
Rust X-2020 Primer	Rust Neutralizer	1 gallon/600 sq. ft.	\$	5-gallon pail
Metal Etch Primer	Rust Inhibitor	1 gallon/250 sq. ft.	\$	5-gallon pail
Sealobond Primer	Adhesion Promoter and Stain Blocker	1 gallon/250 sq. ft.	\$	5-gallon pail
Enviroflex Flashing Grade	Gutter membrane	4 gallons/100 sq. ft.	\$	4-gallon pail
Flashing Grade (Water-Based)	WB Flashing Membrane	5 gallons/125 sq. ft. (6" width)	\$	5-gallon pail
Finish Coat (Water-Based)	WB Roofing Membrane	1.0-1.5 gallons/sq. per coat	\$	5-gallon pail
Sealoflex Fabric	Reinforcing Fabric	300' rolls (6" width)	\$	Roll

STEP 4: ESTIMATE MATERIAL COSTS

1. STITCHING SCREWS

Multiply estimated number of additional fasteners required per square x total number of roof squares. Divide by the number of screws in a box to determine the number of boxes of screws needed. Multiply the number of boxes x the cost per box.

_____ Fasteners per square x _____ squares = _____ #of fasteners

_____ #of Fasteners ÷ _____ Number of screws per box = _____ #of boxes

_____ Boxes x \$ _____ cost per box = \$ _____ Total cost for Stitching Screws

2. RUST TREATMENT (Sealoflex Rust X-2020 and Metal Etch Primer)

a) CALCULATE ROOF SURFACE AREA REQUIRING RUST TREATMENT

Multiply actual roof squares including stretch factor x percentage of roof requiring rust treatment.

_____ Squares x _____ % rusted = _____ Squares of roof surface requiring rust treatment.

b) CALCULATE QUANTITY AND COST OF RUST NEUTRALIZER (RUST X-2020)

Multiply roof squares requiring rust treatment divided by 6 (600 sq. /gallon) to calculate gallons per square. Divide by 5 to determine number of 5 gallon pails of Rust X-2020. Multiply number of 5 gallon pails x cost per 5 gallon pail to calculate total cost for Rust X-2020.

_____ Squares requiring rust treatment ÷ 6 = _____ gallons ÷ 5 = _____ 5 gallon pails

_____ 5 gallon pails x \$ _____ cost per pail = \$ _____ Total cost for Rust X-2020

c) ALL AREAS RECEIVING RUST x-2020 RUST NEUTRALIZER SHOULD BE PRIMED WITH SEALOFLEX METAL ETCH PRIMER.

Roof squares requiring Rust X-2020 divided by 2.5 (250 sq. ft. per gallon) equals gallons required, Divide by 5 to determine the number of 5 gallon pails of Metal Etch Primer required. Multiply number of 5 gallon pails x cost per pail to calculate total cost for Metal Etch Primer.

_____ Squares requiring Rust X-2020 ÷ 2.5 = _____ gallons required ÷ 5 = _____ 5 gallon pails

_____ 5 gallon pails x \$ _____ cost per pail = \$ _____ Total cost for Metal Etch Primer

d) CALCULATE TOTAL COST OF RUST TREATMENT

Add total costs for Rust X-2020 and Metal Etch Primer to calculate total cost for Rust Treatment.

\$ _____ Rust X-2020 Cost + \$ _____ Metal Etch Primer Cost = \$ _____ Total cost for Rust Treatment



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3. PRIMING OPTIONS

- **BARE METAL –Galvanized, Aluminum or Copper-- NO PRIMER REQUIRED**
- a) **FACTORY Painted METAL – CALCULATE QUANTITY OF METAL ETCH PRIMER** (Adhesion test recommended. Contact the Sealoflex Technical Department with any questions.)
Roof squares divided by 2.5 (250 sq. ft. per gallon) equals gallons required, Divide by 5 to determine the number of 5 gallon pails of Metal Etch Primer required. Multiply number of 5 gallon pails x cost per pail to calculate total cost for Metal Etch Primer.

_____ Squares ÷ 2.5 = _____ gallons required ÷ 5 = _____ 5 gallon pails
 _____ 5 gallon pails x \$ _____ cost per pail = \$ _____ Total cost for Metal Etch Primer

- b) **Other PAINTED METAL – CALCULATE QUANTITY OF SEALOBOND PRIMER** (Adhesion test recommended. Contact the Sealoflex Technical Department with any questions.)
Roof squares divided by 2.5 (250 sq. ft. per gallon) equals gallons required, Divide by 5 to determine the number of 5 gallon pails of Sealobond Primer required. Multiply number of 5 gallon pails x cost per pail to calculate total cost for Metal Etch Primer.

_____ Squares ÷ 2.5 = _____ Gallons required ÷ 5 = _____ 5 gallon pails
 _____ 5 gallon pails x \$ _____ cost per pail = \$ _____ Total cost for Sealobond Primer

4. FLASHING WORK (Sealoflex Flashing Grade, Water-Based)

- a) **CALCULATE QUANTITY OF SEALOFLEX FLASHING GRADE FOR HORIZONTAL SEAMS AND RIDGE CAPS.**
Multiply building length (rake-to-rake) x stretch factor x number of horizontal seams to determine total horizontal seam linear footage. (NOTE: Ridge caps normally counts as 2 horizontal seams.) Then divide total horizontal seam linear feet by 125 to determine number of 5 gallon pails required.

_____ Building length x _____ Stretch Factor (Pg. 1) x _____ # Horizontal Seams = _____ Total linear ft. (horizontal seams)
 _____ Total LF ÷ 125 = _____ 5 gallon pails required for Flashing Grade for horizontal seams

- b) **CALCULATE QUANTITY OF SEALOFLEX FLASHING GRADE FOR VERTICAL SEAMS**
Divide building length (rake-to-rake) x panel width, then multiply by overall building width (eave-to-eave) to determine total vertical seam linear footage. Divide total vertical seam linear feet by the Panel Type (300 for ribbed or corrugated; 450 for standing seam) to determine number of 5 gallon pails.

_____ Building length ÷ _____ Panel width x _____ Building width = _____ Total linear feet of vertical seams
 _____ Total LF ÷ _____ Panel type = _____ 5 gallon pails Flashing Grade for vertical seams

- c) **CALCULATE QUANTITY OF SEALOFLEX FLASHING GRADE FOR PENETRATIONS, RAKES, SKYLIGHTS AND MISCELLANEOUS**
Estimate total circumference or length of all penetrations, curb units, rakes, skylights, etc. then divide by 100 to determine number of 5 gallon pails.

_____ Circumference or length of penetrations, rakes, etc. ÷ 100 = _____ 5 gallon pails Sealoflex Flashing Grade for penetrations, rakes, etc.

- d) **CALCULATE QUANTITY OF SEALOFLEX FLASHING GRADE FOR FASTENERS**
Estimate 1 gallon per 10 roof squares (as applicable for through-fastened roofs). We recommend counting fasteners in a typical roof square to make the estimate. One gallon will seal approximately 1,000 fasteners. Divide the number of gallons required by 5 to determine the total number of 5 gallon pails of Flashing Grade (WB) needed. Multiply the total number of pails times the cost per 5 gallon pail.

_____ Roof squares ÷ 10 = _____ Gallons of Flashing Grade required
 _____ Gallons ÷ 5 = _____ Number of 5 gallon pails

- e) **CALCULATE TOTAL COST OF SEALOFLEX FLASHING GRADE, WATER-BASED**
Add the number of 5 gallon pails for Horizontal seams, vertical seams, rakes, etc. fasteners and waste, to determine the total number of 5 gallon pails of Flashing Grade (WB) needed. Multiply the total number of pails times the cost per 5 gallon pail.

_____ Pails (horizontal) + _____ Pails (vertical) + _____ Pails (rakes, etc.) + _____ Pails (fasteners) + _____ Pails (waste) = _____ Total# pails
 _____ Pails x \$ _____ Cost per pail = \$ _____ Total cost for Sealoflex Flashing Grade, Water-Based

5. REINFORCING FABRIC (Sealoflex Fabric)

Add the total horizontal seam linear footage to the total circumference/length of all penetrations, rakes, etc. and the, then divide by 300 to determine the number of rolls of Sealoflex 6" Fabric required. Multiply the number of rolls times the cost per roll.

_____ Horizontal Linear footage + _____ Length of penetrations, etc. = _____ ÷ 300 = _____ Rolls 300x6" Sealoflex Fabric
 _____ Rolls x \$ _____ Cost per roll = \$ _____ Total cost for Sealoflex Fabric



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6. GUTTER TREATMENT (Sealoflex Enviroflex Flashing Grade)

Multiply estimated gutter surface area x 4 gallons per square then divide by 4 to determine the number of 4-gallon pails of Enviroflex Flashing Grade. Multiply the number of 4-gallon pails x the cost per 4-gallon pail.

_____ Squares x 4 = _____ Gallons ÷ 4 = _____ Total number of 4-gallon pails of Sealoflex Enviroflex Flashing Grade (does not include waste)
_____ Pails x \$ _____ Cost per 4-gallon pail = \$ _____ Total cost for Sealoflex Enviroflex Flashing Grade

7. APPLICATION OF ELASTOMERIC ROOFING MEMBRANE (Sealoflex Finish Coat)

Multiply the actual roof surface area x gallons per square* then divide by 5 to determine the number of 5-gallon pails. Add the number of pails calculated as waste, then add that to the number of pails for the job. Multiply the number of 5 gallon pails x the cost per 5-gallon pail.

* Required Gallons per Square (Based on Warranty Term being requested)

10 Yr. Warranty 2 coats Finish Coat @ 1.0 gal/square. Total = 2 gallons per square

15 Yr. Warranty 2 coats Finish Coat @ 1.5 gal/square. Total = 3 gallons per square

20 Yr. Warranty 3 coats Finish Coat @ 1.0 gal/square, 1st coat then 1.5 gal/square, 2nd and 3rd coats. Total = 4 gallons per square

_____ Squares x _____ Gallons/Sq. = _____ Total number of gallons ÷ 5 = _____ Total number of 5-gallon pails of Finish Coat

_____ Pails + _____ Waste % (Total gallons X % of waste)

_____ Pails for job + _____ Pails for waste = Total 5-gallon pails

_____ Total Pails x \$ _____ Cost per pail = \$ _____ Total cost for Sealoflex Finish Coat

8. SUBTOTAL MATERIAL COSTS

Add total costs for Items 1-6 above to determine total Material Cost.

1) Stitching Screws	\$ _____
2) Rust Treatment	\$ _____
3) Primer	\$ _____
4) Flashing	\$ _____
5) Reinforcing Fabric	\$ _____
6) Gutter Treatment	\$ _____
7) Roofing Membrane	\$ _____
SUB-TOTAL MATERIAL COSTS	\$ _____

9. ADD SALES TAX AMOUNT TO SUB-TOTAL OF MATERIAL COSTS TO CALCULATE TOTAL MATERIAL COST

Multiply Sales Tax percent times the Subtotal of Material Costs from Step 7. Add that amount to the Sub-total of material costs to calculate the Total material cost. Example: .06 (tax %) x 5000 (Sub-total) = \$300 (sales tax amount) + 5000 (Sub-total) = \$5300 (Total material cost)

_____ Sales tax% x \$ _____ Sub-total material costs = \$ _____ Sales tax amount + \$ _____ Sub-total Material Costs = _____ Total Material Cost

STEP 5: LABOR ESTIMATE

1. PRESSURE WASHING

Estimate pressure washing by using 100 SQ per man day. Divide actual roof surface area by 100 to determine pressure washing man days.

_____ SQ ÷ 100 = _____ man days pressure washing

2. RESIDUAL ASPHALT, RUST TREATMENT

Estimate that a 3-man crew can treat 60 SQ per day. Divide actual roof surface area requiring treatment by 60, then multiply by 3 to determine man days.

_____ SQ ÷ 60 = _____ Crew days x 3 = _____ Man days (Various treatments)

3. PRIMING

Estimate that a 3-man crew can spray 180 SQ per day. Divide actual roof surface by 180, then multiply by 3 to determine man days.

_____ SQ ÷ 180 = _____ Crew days x 3 = _____ Man days (Spraying, Primers)

4. FLASHING

Estimate that a 3-man crew can flash 60 SQ per day, including additional fasteners. Divide actual roof surface area by 60, then multiply by 3 to determine man days.

_____ SQ ÷ 60 = _____ Crew days x 3 = _____ Man days (Flashing)

5. SPRAY APPLICATION OF FINISH COAT – FIRST COAT

Estimate that a 3-man crew can spray 180 SQ per day. Divide actual roof surface by 180, then multiply by 3 to determine man days.

_____ SQ ÷ 180 = _____ Crew days x 3 = _____ Man days (Spraying, First Coat)

6. SPRAY APPLICATION OF FINISH COAT – SECOND COAT

Estimate that a 3-man crew can spray 180 SQ per day. Divide actual roof surface by 180, then multiply by 3 to determine man days.

_____ SQ ÷ 180 = _____ Crew days x 3 = _____ Man days (Spraying, Second Coat)

NOTE: If the application requires additional layers of Finish Coat, calculate the additional layers as done for this step.



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7. MISCELLANEOUS

Under normal conditions, estimate 1 Man day per 100 SQ.
Divide actual roof surface area by 100 to determine miscellaneous man days.

_____ SQ ÷ 100 = _____ Man days (Miscellaneous)

NOTE: Miscellaneous labor estimates may increase due to required gutter treatment, slope of roof, size of roof, etc.).

8. TOTAL LABOR IN MAN DAYS

Add man days from steps 1-7 above.

- 1) Pressure Washing _____
- 2) Residual Asphalt, Rust Treatment _____
- 3) Priming _____
- 4) Flashing _____
- 5) Spray Application, First Coat _____
- 6) Spray Application, Second Coat _____
- 7) Miscellaneous _____
- TOTAL MAN DAYS _____

9. TOTAL LABOR COST

Multiply Total Man Days from Step 8 x Contractor man day cost.

_____ Man days x \$ _____ Man day cost = \$ _____ Labor Cost

STEP 6: MISCELLANEOUS PROJECT COSTS

1. ESTIMATE COSTS FOR MISCELLANEOUS SUPPLIES AND ACTIVITIES

- 1) Sheet Metal Work (Panel Replacement, Crickets, Rib Caps, etc.) \$ _____
- 2) Equipment Rental (Lifts, Special Items, etc.) \$ _____
- 3) Disposal Charges \$ _____
- 4) Travel Allowances \$ _____
- SUB-TOTAL MISCELLANEOUS PROJECT COSTS \$ _____

2. WARRANTY FEE

If a warranty is wanted, calculate the warranty fee based on the following schedule:

- 05 year 7.5 cents per square foot (Minimum \$750)
- 10 year 10 cents per square foot (Minimum \$1,000)
- 15 year 15 cents per square foot (Minimum \$1,500)
- 20 year 20 cents per square foot (Minimum \$2,000)

NOTE: Refer to the warranty documentation regarding the required for the number of coats for warranty term.)

_____ Sq. Ft. (not including stretch out) x _____ Warranty cost per square foot = \$ _____ Total warranty cost (see Minimums, above)

3. CALCULATE TOTAL MISCELLANEOUS COSTS

\$ _____ Sub-Total of Miscellaneous Cost (6.1) + \$ _____ Warranty Fee, if desired (6-2) = \$ _____ Total miscellaneous costs

STEP 7: CALCULATE TOTAL PROJECT COST

Add total costs for Materials, Labor and Miscellaneous to calculate total project cost.

- 1) Materials (Step 5, #9) \$ _____
- 2) Labor (Step 5, #9) \$ _____
- 3) Miscellaneous (Step 6, #3) \$ _____
- TOTAL PROJECT COST \$ _____

STEP 8: OVERHEAD/PROFIT

Contractor to determine profit based on Company policy. (May calculate as % or dollar amount)

Profit applied to all project costs except Warranty Fee (or other items per Company policy) \$ _____ Profit

STEP 9: TOTAL PROJECT PRICE

Add Total Project Cost (Step 7) plus Profit (Step 8) to calculate total project price.

\$ _____ Total Project Cost + \$ _____ Profit = \$ _____ Total Project Price

