CRAWL SPACE VAPOR BARRIER MATERIAL CALCULATION WORKSHEET

Are you ready to encapsulate your crawl space with a vapor barrier system? Before you can compare and shop for products, you first need to estimate how much material you will actually need.

Use this worksheet as a helpful tool to write down, organize, and calculate the details for your crawl space. Be sure to read and follow along the steps in our full blog article or watch this step-by-step video.

Scan QR Code for the blog and step-by-step video instructions

Use this Area to Draw a Sketch of Your Crawl Space Layout

Here are **5 helpful steps** in calculating the vapor barrier material and accessories you will need:

☐ **Step #1: Measure the length of your perimeter walls, then calculate total perimeter wall length.**

For square or rectangular shape layouts: [1]

P1 = _____ft.

P2 = _____ft.

L = (P1 x 2) + (P2 x 2) = _____ft.

For more complex layouts: [2]

P1 = _____ft.

+ P2 = _____ft.

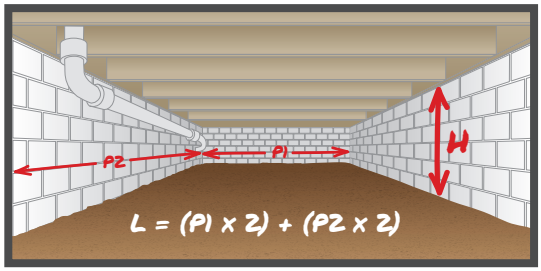
+ P3 = _____ft.

+ P4 = _____ft.

+ P5 = _____ft.

+ P6 = _____ft.

L = _____ft.



P = Length of Each Perimeter Wall Segment

L = Total Length of Perimeter Wall (Linear Feet)

[1] If your crawl space is a fairly simple square or rectangle shape, you may only need to take the measurements of the two adjacent walls.

[2] For crawl spaces with more complex layouts, you can work your way around measuring each wall segment length.

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Note – legal notice on page 2.

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☐ **Step #2: Measure the height of your perimeter walls**

H = _____ft.

H = Height of Perimeter Wall

PRO TIP: Already decided on StegoCrawl® Wrap 15-mil? The 5'x200' roll size is ideal for perimeter walls.

☐ **Step #3: Measure and count interior columns**

S = _____ft.

# of Columns = _____

C = (S x # of Columns) = _____ft.

S = Column Size (Length Around)[3]

C = Total Linear Feet to Seal at Columns

[3]Measure the length around the base of the column or support pad that the vapor barrier will be sealed to. You may only need to measure one if all support columns are a similar size.

☐ **Step #4: Calculate how much vapor barrier you need[4]**

G = P1 x P2 _____ft²

+ W = H x L _____ft²

Z = (G + W) x F = _____ft² of StegoCrawl® Wrap

G = Total Vapor Barrier Needed to Cover the Crawl Space Ground[4]

W = Total Vapor Barrier Needed to Cover the Perimeter Crawl Space Wall

Z = Total Amount of Vapor Barrier Needed to Order

F = Overage Factor Value Between 10 and 20% (1.1 - 1.2)[5]

[4]For more complex crawl space layouts (e.g., if you had more P# values), to calculate the value of G, compute and then aggregate individual crawl space areas.

[5]10-20% Overage Factor helps take into account overlapping of seams, installation waste, etc.

☐ **Step #5: Calculate how much of each accessory you need**

Seam Tape Needed = Z/1,000 _____**Rolls of StegoCrawl® Tape**

Perimeter Sealing Tape Needed = L + C _____**lf** (total linear feet) **of StegoTack® Tape**

Termination Bar Needed = L _____**lf** (total linear feet) **of StegoCrawl® Term Bar**

[6]If you prefer to extend the vapor barrier further up interior columns (such as shown in photo below), consider factoring into your calculation for Z.

Ready to Buy StegoCrawl Products and Accessories for Your Crawl Space?

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HAVE QUESTIONS? Give us a call: **877-464-7834 | stegoindustries.com/stegocrawl**