



FIELD MEMBRANE

To determine the square foot amount of membrane needed, multiply the width x length. Add enough material to the dimensions so that the membrane extends several inches past all perimeter edges including all wall and angle change flashings. If a seam occurs, add the width of the seam to the overall membrane dimension. Lay the membrane in position that will create the LEAST amount of seams and allow the water to flow over, (not against) the seam edge.

FASTENERS

Figure 16 fasteners per 4 ft. x 8 ft. insulation board. Install extra fasteners around all protrusions and angle changes.

WATER BASED BONDING ADHESIVE COVERAGE

On Porous Surface (fiber board, plywood)

It can be used as a one way wet "lay in" when used in conjunction with at least one porous surface. Apply 10-12 wet mls. to the insulation board with a roller. Immediately lay the membrane into the adhesive while wet insuring the membrane has received a transfer coat of adhesive. If the product has turned transparent, it has begun to set up and requires a thin coat of adhesive be applied to the membrane. Coverage is approximately 100 sq. ft. of fully adhered membrane per gallon.

SOLVENT BASED BONDING ADHESIVE (porous and non-porous surfaces)

Open and thoroughly stir the Bonding Adhesive. Using a solvent accepting paint roller, apply the Bonding Adhesive to the substrate and the EPDM sheet at a rate of sixty (60) square feet per gallon. The adhesive must be applied to 100% of both surfaces in an even coat without globs or puddles. Allow the adhesive to dry to the finger touch of tacky but not stringy. Fluff air under the top half of the sheet and roll the sheet onto the glued substrate.



RUBBERALL® MATERIALS ESTIMATING GUIDE



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This guide is for approx. calculations only. To better understand materials needed please see RUBBERALL® ROOF INSTALLATION MANUAL AND/OR VIDEO. And study your roofing project layout.

| REF # | RUBBERALL® PRODUCT | USE | CALCULATION | MATERIALS NEEDED |
|-------|--|--|--|------------------|
| 1 | Membrane (45-mil & 60-mil thickness) | RUBBERALL® membrane is used as the waterproofing sheet. 60-mil is recommended, as it is easier to install. When calculating material needed include material for 12" termination on wall, 3" for each seam (number of seams determined by roll size used) and 6" overhang at perimeter. | (length of roof + wall termination? + seams? + overhang) X (width of roof + wall termination? + seams? + overhang) = sq. ft. of membrane needed | |
| 2 | Bonding Adhesive | Used to adhere membrane to substrate. RUBBERALL® water based adhesive is easier to work with but can't be used below 40 degree F. Coverage rate 100 sq. ft./ gal. RUBBERALL® solvent base adhesive can be used at lower temperatures but is not as user friendly. Finished coverage rate is approximately 60 sq. ft./ gal. | (Length X Width of roof surface) divided by 100 for water based or divided by 60 for solvent based adhesive = gallons of adhesive needed | |
| 3 | Seam Tape (3" x 25' rolls) | Bond two Rubberall® membrane panels together. Seam tape needed is dependent on panel layout. | Total length of seams divided by 25 = rolls needed | |
| 4 | Seam tape Primer (quart and gallon) | Seam tape primer is used to prime membrane before applying seam tape and for other tape products. | Coverage rate 50 sq. ft. per quart | |
| 5 | Uncured Flashing Patch (12"x 12") | Flashing inside and outside corners and pipe penetrations. Two layers are required for each flashing. Typically 2 patches are used at each corner and 2 to 4 per penetration depending on circumference of pipe penetration. | (number of inside corners + outside corners) X 2 plus (number of penetrations) X 4 = number of flashing patches needed | |
| 6 | Cured Cover Strip (5" x 25') | To cover metal drip edge, as a T-joint patch and to seam membrane that is butted together rather than overlapped. | (length of metal drip edge + length of butt splices + length of T-joint patches) / 25' = rolls of cured cover strip | |
| 7 | Peel and Stick Pipe Boot | For flashing cylindrical penetrations with diameters of 1" to 6 7/8". | Number of cylindrical penetrations=number of pipe boots | |
| 8 | Water Cut-Off Mastic | A liquid compression gasket used behind termination bars and pipe boots. | Coverage is 20' per 10 oz. Tube | |
| 9 | Lap Caulk | A UV stable caulk for exposed edges of rubber-to-rubber flashing patches, tops of termination bar and pipe boots. | Coverage is 20' per 10 oz. Tube | |
| 10 | Rubber-to-Rubber Adhesive | Adhesive used to adhere membrane-to-membrane and uncured flashing to membrane. This product is not recommended for seaming membrane panels, as seam tape is superior in strength and easier to use. | Coverage rate is approximately 50 sq. ft. per gallon | |
| 11 | Termination Bar | Terminating membrane on parapet walls and around perimeter of roof when metal drip edge is not used. Available in 5' and 10' sections. | Length of perimeter + length of parapet divided by either 5 or 10 | |
| 12 | Screws and Plates | To attach a recover board over and exiting roof . | Recommended usage is 16 fasteners per 4' x 8' recover board. More screws are require in certain areas. See installation manual for more information. | |
| 13 | Scrub Pad | Used to apply seam tape primer. | Typically one per day of construction | |