

RUFco 300

INSTALLATION GUIDELINES

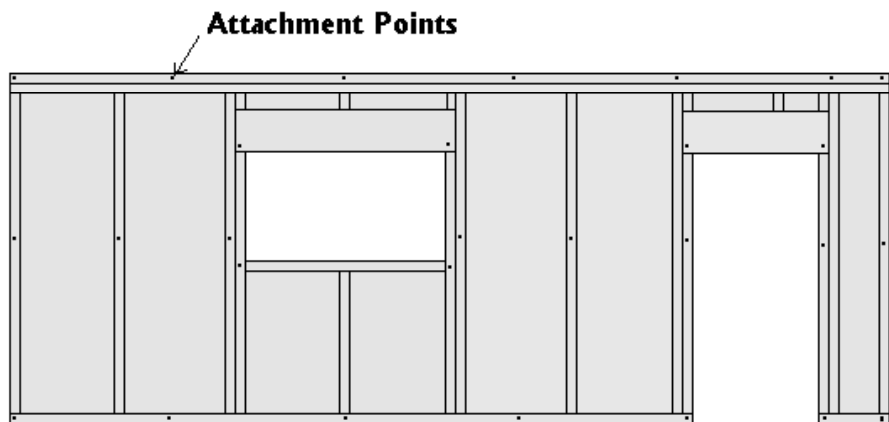
In Wall Vapor Retarder Instructions

Attention: Read these instructions thoroughly before installation to ensure proper use of the product. **RUFco 300** vapor retarder is typically used on the inside of the outer wall of habitable rooms to retard vapor transfer into or through the walls. Vapor Retarders are not to be installed on the exterior side of an outside wall unless a design engineer has made an exception for use in hot & moist climates. The purpose of this retarder is to prevent warm, moist interior air from coming into contact with cold outside walls thus condensing to water. The presence of this condition (warm, moist air against a cold surface) inside the wall cavity can result in damage to the structure without a vapor retarder.

IN-WALL INSTRUCTIONS:

- RUFco 300** vapor retarder is to be installed on the warm side of the insulation normally sandwiched between the wood or metal studs and the interior surface such as gypsum board.

RUFco 300 VAPOR RETARDER INSTALLATION



Apply a small bead of polyurethane caulk to each vertical and horizontal metal stud. Attach the Rufco Vapor Retarder to metal studs along the top of the wall with fender washers and a self tapping screw or pop rivet (see drawing for spacing) working down to the bottom of the wall

2. It is advantageous to apply a bead of polyurethane or butyl caulk around the top and bottom of the wall, around windows and doors, and on each stud in the case of metal studs. Start by installing **RUFECO 300** vapor retarder in the upper corner of the wall and ceiling, allowing a couple of inches to be attached the ceiling. Install by stapling the vapor retarder to the wood studs or in the case of metal studs attach with self-taping screws or pop rivets and flat fender washers. Continue to fasten along the top of the wall and ceiling, approximately every two feet on each wood or metal stud. Staple every 2' on vertical wood studs and screw or pop rivet every 4' on metal studs, down to the floor. Cut out for windows, doors, electrical boxes and etc. as necessary.
3. Overlap joints at least 6" and tape them with Raven Vapor Bond tape. It is important to seal any puncture from installation prior to installing the interior surface. Polyurethane or Butyl caulk can also be used to assure a better seal in the 6" overlaps in addition to the tape.
4. When installing **RUFECO 300** vapor retarder around electrical boxes or any other penetration, take care to seal the retarder to whatever is penetrating the **RUFECO 300** vapor retarder. Also seal outside the box where the wires enter. Even the smallest gaps must be sealed or moisture can penetrate.
5. Once completely installed and inspected for any openings, simply apply the interior surface.



ENGINEERED FILMS DIVISION



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