

DURA-SKRIM® 2FR/10FR

IN-WALL VAPOR RETARDER INSTALLATION GUIDELINES

Note: Read these instructions thoroughly before installation to ensure proper use of the product. Dura Skrim® 2FR/10FR 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 and 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.

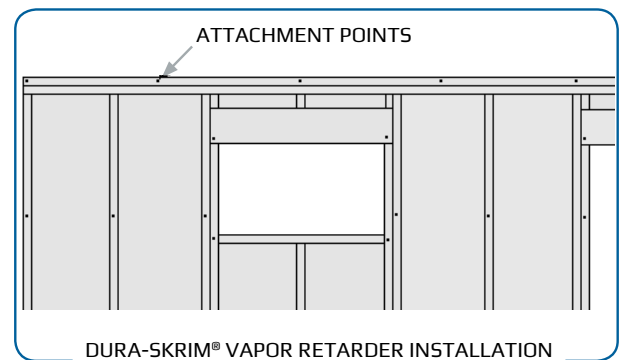
1.1 Dura-Skrim® 2FR/10FR vapor retarder is to be installed on the warm side of the insulation normally sandwiched between the wood or metal studs and the interior surface such as gypsum board.

2.1 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 Dura-Skrim® 2FR/10FR vapor retarder in the upper corner of the wall and ceiling, allowing a couple of inches to be attached to 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 on down to the floor. Cut out for windows, doors, electrical boxes and etc. as necessary.

3.1 Overlap joints at least 6" and tape them with VaporBond™ 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.

4.1 When installing Dura-Skrim® 2FR/10FR vapor retarder around electrical boxes or any other penetration, take care to seal the retarder to whatever is penetrating the Dura-Skrim® 2FR/10FR vapor retarder. For ease of installation, install gasketed, airtight boxes, or install standard electrical boxes then caulk all openings and seal the vapor retarder to the outside box perimeter. Even the smallest gaps must be sealed or moisture can penetrate.

5.1 Once Dura-Skrim® 2FR/10FR is completely installed and inspected for any openings, simply apply the interior surface.



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DURA-SKRIM® 2FR & 10FR

IN-WALL INSTALLATION CHECKLIST

The purpose of this checklist is to assure that typical installation procedures have been followed. These are general procedures; Dura-Skrim® installation Guidelines and architectural or engineering requirements must be reviewed and followed as well.

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| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 1. Architectural or Engineering specifications for this project have been reviewed and followed regarding any special installation procedures, as well as any local, state or federal guidelines, these supersede Dura-Skrim® installation guidelines. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 2. Install on the proper side of the wall per the Architectural or Engineering specifications. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 3. Verify vapor retarder is attached with staples for wood studs, or self taping screws or rivets and washers when attached to metal studs, or per architects specifications. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 4. Apply a bead of elastomeric sealant (polyurethane caulk) or other sealant as specified by the Architect around the top and bottom of the wall, around windows and doors, and on each stud in the case of metal studs. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 5. All Joints are overlapped 6" minimum and sealed with VaporBond™ Tape or sealed per the architects specifications. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 6. All electrical, plumbing and other penetrations have been sealed per the architect's specifications. |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | 7. All holes or tears are effectively sealed with and elastomeric sealant or overlapped 6" with a piece of Dura-Skrim® and taped around the perimeter with VaporBond™ Tape. |

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