

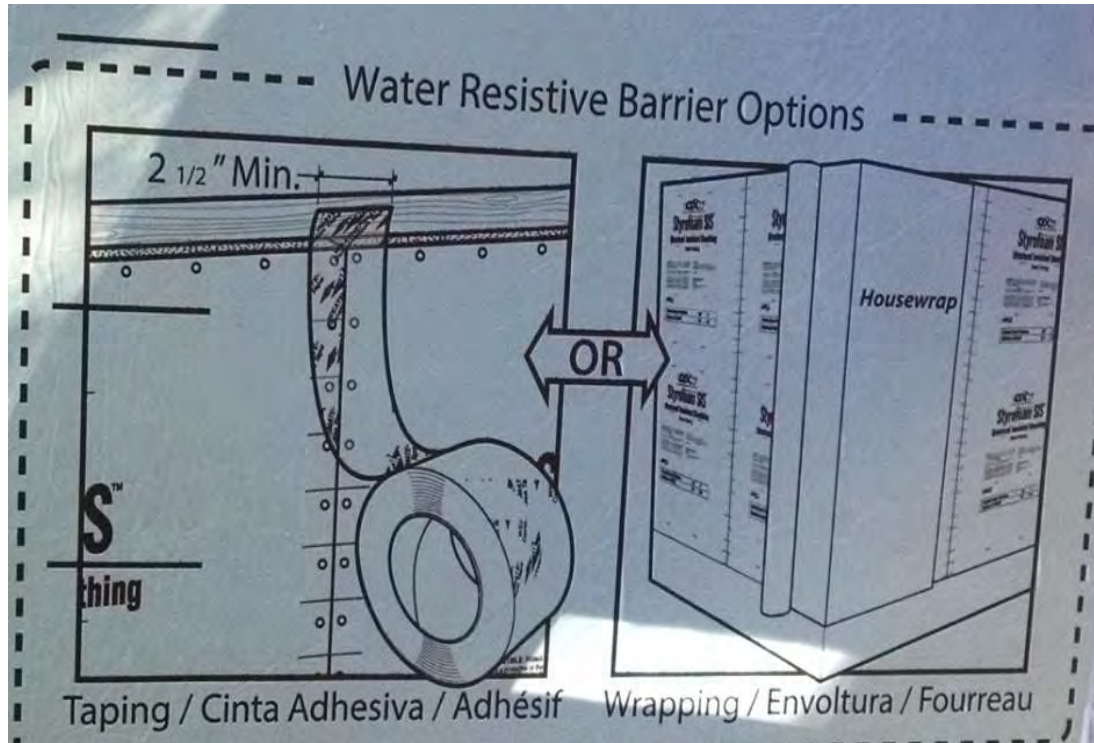
Install Structural Insulated Sheathing (SIS)



Set Nails in SIS



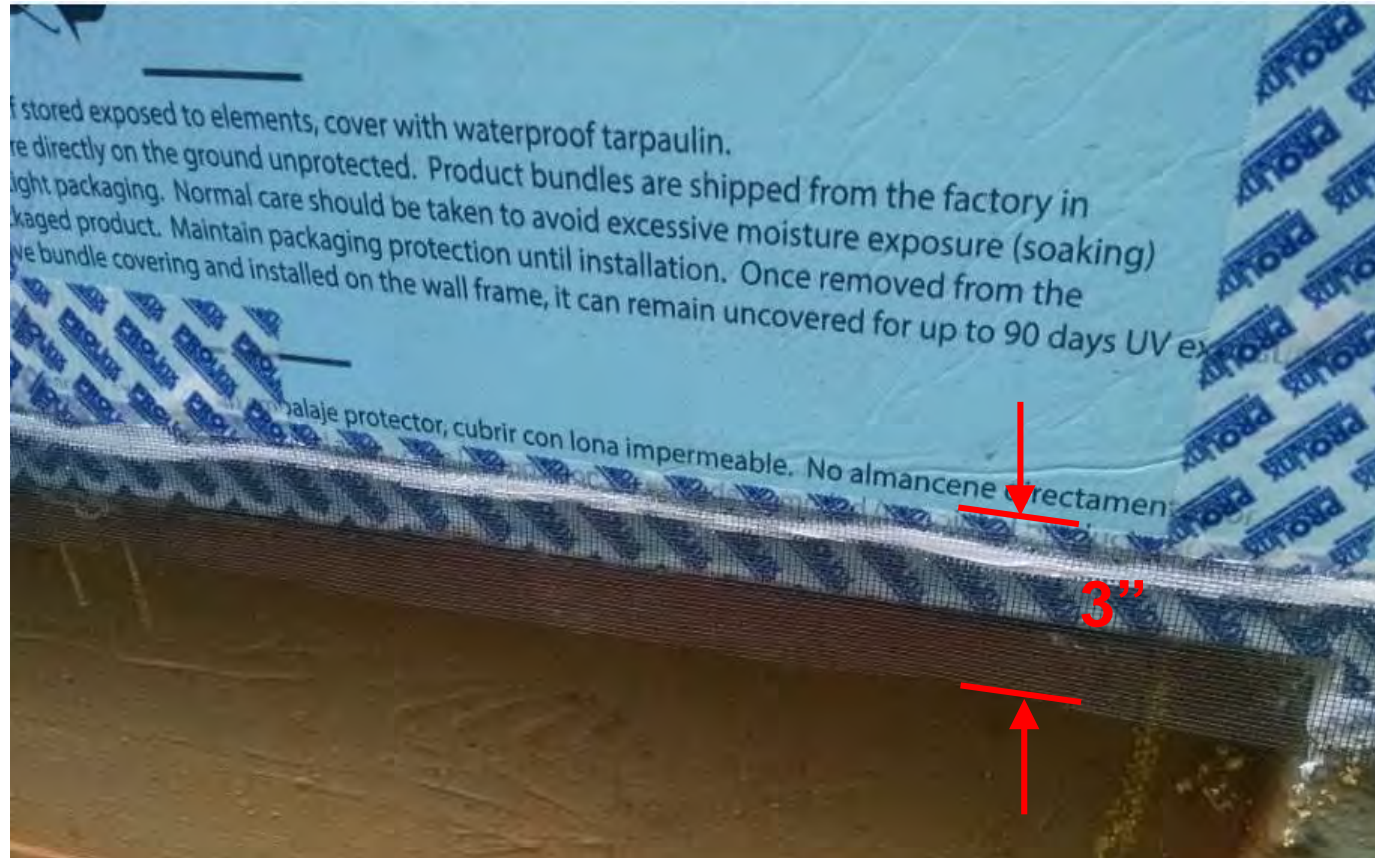
Seal Seams of SIS



Prep for Furring Strips



3" Insect Screen Before Furring

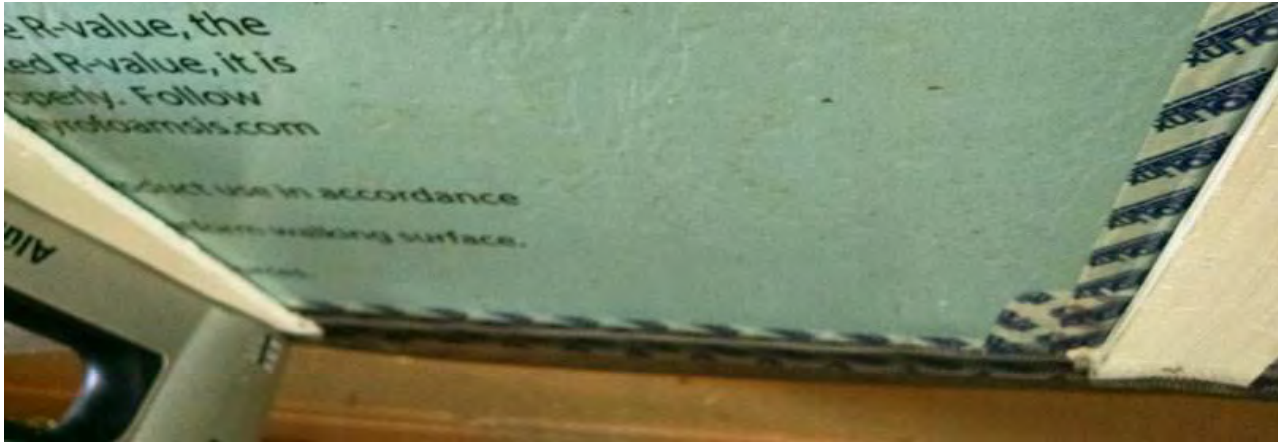


3/16" PT Furring Strips (with lower end primed)

Aligns with Wall Studs and Covers Top Half of Insect Screen



Bottom of Screen Folded Up & Stapled



Ready for Siding ...



Siding Caulked At Edge, Not At Butt Joints



Floating Butt Joint With Flashing



3/16" Gap Between Siding & WRB



Siding Installation



Siding Drainage Plane Retrofit



Siding Drainage Plane Retrofit



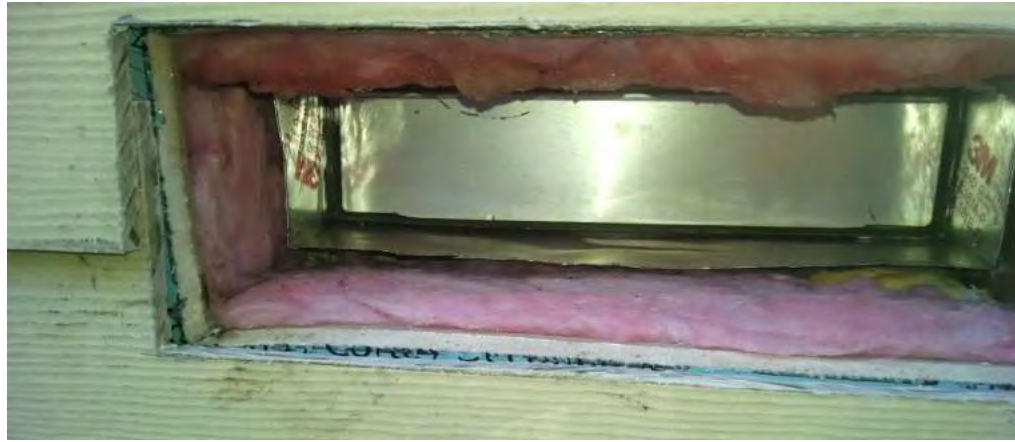
Siding Drainage Plane Retrofit – trim



Siding Drainage Plane Retrofit - trim



Kitchen hood exhaust penetration



Siding Drainage Plane Retrofit

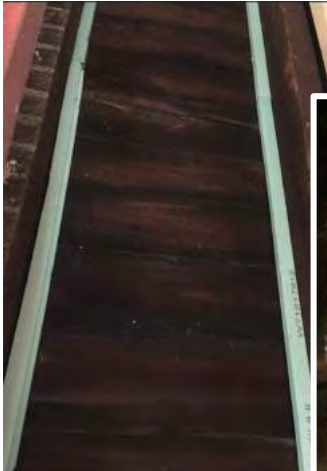


Siding Drainage Plane Retrofit – Interior Stripped to Studs



- Install vertical spacer strips (sill gasket or foam strips) into sides of cavity
- Install ½" foam board piece (~14.25" width) against strips
- Seal edges with caulk or foam
- Slightly compress batt into cavity against foam board

Siding Drainage Plane Retrofit – Interior Stripped to Studs



Constructing a system



Siding Drainage Plane – New Construction



Moisture Scenarios

1. A homeowner notes that their house is on a hillside and digs a shallow swale to divert flow around their foundation.
2. After taking a shower, a homeowner runs an exhaust fan for 30 minutes to remove the moisture.
3. A homeowner notes that the bottom 6” of the drywall in the garage has some mold growing on it (even though the plumbing line leak that flooded the garage last month was vacuumed up fairly quickly).
4. A homeowner notes that plastic installed over their crawlspace ground frequently has water droplets underneath it.

Answer choices:

1. **Bulk** (liquid flow)
2. **Capillarity** (liquid wicking)
3. **Air Movement** (humidity)
4. **Diffusion** (molecular movement)

