Inspection Checklist

Inspection Preparation

Items Needed

☐ Coveralls or old clothes that you don’t mind getting dirty
☐ Respiratory Protection such as a N95 Dusk mask or respirator
☐ Gloves
☐ Flashlight
☐ Moisture Meter

Recommended Options:

☐ Extech MO290 (RH, Dewpoint, Temp, IR Thermoeter, Pin/Pinless wood moisture)
☐ Extech RH300 (RH, Dewpoint, Temp)
☐ Extech 44550 (RH, Temp)

Inspection Results

Square Footage of Crawl Space

__________

Linear Footage of Crawl Space

__________

Average Wall Height

__________

<table>
<thead>
<tr>
<th></th>
<th>Relative Humidity (%)</th>
<th>Temperature</th>
<th>Dew Point</th>
<th>Wood Moist. Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crawl Space</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exterior of Home</td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Interior of Home</td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
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Interior Drainage Present?  ☐ Yes ☐ No
Standing Water?  ☐ Yes ☐ No
Drainage Needed?  ☐ Yes ☐ No
Secure Crawl Door Present?  ☐ Yes ☐ No
Sub-Floor Insulation?  ☐ Yes ☐ No

☐ Fungus Growth?  ☐ Light ☐ Medium ☐ Heavy
☐ Wood/Cellulose Debris?  ☐ Light ☐ Medium ☐ Heavy

Furnace Type:  ☐ Gas ☐ Oil ☐ Heat Pump

Combustion Appliance in Crawl Space?  ☐ Yes ☐ No
If Yes, Does the Supply Air come from outside?  ☐ Yes ☐ No
Ductwork Present in Crawl Space?  ☐ Yes ☐ No

Current Moisture Problems:  _____________________________________________________________

Exterior Concerns:  _________________________________________________________________
## Product Checklist & Installation Checklist

### Liners
- 6 mil Wall Liner (Translucent) 20' x 100' Roll
- 6 mil Floor Liner (WB) 24' x 100' Roll (2,400 sq. ft.)
- 8 mil Floor Liner (WB) 20' X 100' Roll (2,000 sq. ft.)
- 12 Mil Floor Liner (WB) 24' x 100' Roll (2,400 sq. ft.)
- 12 Mil Floor Liner (WB) 12' x 100' Roll (1,200 sq. ft.)
- 20 Mil Floor Liner (WW) 11.5' x 100 Roll (1,150 sq. ft.)
- Hilti Gas & Nail Combo X-GN 20 MX
- Hilti Economy Washers 23mm GX 120

### Adhesives
- Sealing Tape 4 x 180' (roll)
- PL375 - Heavy Duty Construction Adhesive (case)
- White Lightning 3006 Caulking Adhesive (case)
- Hilti Crack & Joint Pro Foam (23oz) Can
- Hilti CF-R1 Cleaner (16.9oz)
- Hilti CF-DS1 Foam Dispenser

### Insulation
- Bora Foam Insulation Board 4 x 8 x 2.5' (R-11) – 32 sq. ft.
- Hilti Insulation Fasteners 2.5° & Loads
- 3.5' F-C Concrete Fastener Box of 60

### Humidity Control
- Supply Air Inducer
- MEGA DRY CS70 Dehumidifier
- MEGA DRY CS70 Hanger Kit
- Condensate Pump 96 gph
- Santa Fe Advance Dehumidifier
- Santa Fe Compact Dehumidifier

### Additional Accessories available at www.crawlspacedepot.com

### Sump Pumps
- Zoeller Model 53 Package (Pump, Basin, Valve)
- Zoeller Model 72 Package (Pump, Basin, Valve)

### *Individual Components*
- Zoeller Crawl Space Basin wild
- Zoeller Tri-Check Valve
- Zoeller Model 53 Submersible Pump
- Zoeller Model 72 Submersible Pump

### Cleaner/Odor/Pest Control Products
- Clean Crawl - Gallon or Case of 4 (circle one)
- DSV - Gallon or Case of 4 (circle one)
- Odor Proof - Quart or Case of 12 (circle one)
- Penashield Wood Preservative - Gallon or Case of 4 (circle one)
- Bug Bait granular insect bait - 3 lb Jug or Case of 4 (circle one)
- Fireback Spider & Scorpion - Can or Case of 12 (circle one)
- Fireback Wasp & Hornet - Can or Case of 12 (circle one)
- Snake Proof - 4lb Jug or Case of 4 (circle one)

### Electronics/Instruments
- Accu-Rite Wireless Thermo-Hygrometer
- Zoeller High Water Alarm
- Extech Pinless Moisture Psychrometer + IR (8 functions in 1)
- Extech Hygro-Thermometer Psychrometer (Temp/RH/VPD)
- Extech Humidity & Temp Pen (Temp/RH)

### Miscellaneous
- CrawlSpace Depot Drainage Aggregate (20 cu. ft.)
- SmartVent Flood Vent – Insulated or Vented (circle one)

### Suggested Ordering Tips for Estimating Quantities:
- When ordering floor liner, take the floor square footage and add at least 10% to account for overlap and waste. If you will be running the floor liner up the walls and/or using it to wrap piers, you may want to estimate the wall square footage also.
- Bora-Foam can be calculated by taking the linear footage of the crawl space walls and multiplying that by the average wall height. This will give you the approx. wall square footage. Divide that by 32 (sq. footage of each board). This will give you the number of boards needed. Add 10% for waste. Be sure to add more if using Bora-Foam to seal vents.
- 1 roll of sealing tape/1,000 sq. ft. of crawl space
- 1 cn of Hilti Foam/1,000 sq. ft. of crawl space

### Installation Checklist

There are many steps involved in closing a crawl space. We have all of the main steps listed below. Most likely, you will not need to perform all of the steps so only mark the ones that apply to you.

**To Do**
- Inspect the crawl space
- Document the conditions and humidity levels
- Calculate materials needed to complete the job
- Order materials
- Use exhaust fan during work process
- Remove all items from the crawl space
- Remove wood and cellulose debris
- Remove subfloor insulation
- Treat crawl space soil with anti-microbial DSV
- Install interior drainage and/or sump pump
- Remediate mold
- Fungicidal application to floor joists with Mold Clean/Clean Crawl
- App. of Bora-Care/Peneshield to foundation walls for termite protection
- Treat crawl space pests using Niban/Bug Bait
- Dehumidify the crawl space prior to closing
- Install combustion safety appliance (if applicable)
- Seal all foundation vents
- Seal holes in foundation walls
- Install poly around piers
- Install poly on foundation walls (if keeping floor insulation)
- Install Bora-Foam on exterior foundation walls (if no floor insulation)
- Install Bora-Foam as rim joint insulation
- Seal the top edge of the liner on piers and walls
- Seal the top edge of the Bora-Foam
- Treat crawl space soil with Bac-A-Zap/Odor Proof
- Install _____mil reinforced poly on crawl space soil
- Overlap all seams at least 12 inches
- Apply sealing tape to all seams
- Install Bora-Foam on crawl space door(s)
- Install supply air inducer Qty: _____
- Install dehumidifier to remain in crawl space
- Install wireless temp/humidity meter
- Inspect entire crawl space for quality control
- Clean or sweep liner for a professional looking appearance
- Attach a Notice Sign to the door

Additional Products Available at: www.crawlspacedepot.com