

## **Vacuum Box/Bell Operating Instructions** **Civil/Geo Applications**

- Fill a bucket with water, add a squirt or two of common dishwashing soap.
- Clean the area to be tested of all dirt and debris.
- Apply the soapy solution to the test area.
- Place the vacuum Box/Bell over the area and initiate vacuum.
- Press the box/Bell to the liner to ensure that the full perimeter of the vac box foam is engaged with the liner. (When fully engaged, the liner will be pulled slightly up into the vac chamber, and the vac motor will attain higher tone.)
- Visually inspect the test area while the vacuum is achieved. Look for trace bubbling of the soapy solution, which may indicate a leak. Normally the perimeter foam gasket will show a little bubbling, so move the box as needed to confirm the source of any bubbling. Re-apply soapy water as needed to make sure the entire test area is wet while testing.
- Mark any potential leak areas with an indelible marker so that the areas can be repaired.
- Repeat process as necessary.