

## Advantages of Lignomat's in-situ RH Probe, **RH BluePeg System** Acomplies with ASTM F2170



We have designed a user-friendly, reliable system which complies with the ASTM standard F2170 . The **RH BluePeg probes** use a single microchip, factory calibrated to NIST standards. The RH BluePeg Probes comply with the latest ASTM standard for F2170.

The RH BluePeg probes are retrievable and reusable.

For checking calibration accuracy, the ASTM standard has to be followed. For on-site and in-your office testing we offer a salt-solution bottle to check for 75%, a test allowed by the ASTM standard to check in-situ RH probe accuracy before re-using the probes. During the first year, Lignomat offers to check the probe calibration three times at no charge.

Note: The Lignomats system allows easy tracking of RH probes. Each probe shows its own 3-digit number every time the display is activated for readings.



### **Better sealing, easier-to-place sleeves, adaptable to any length up to 3”:**

Lignomat's sleeves have feathered fins along the entire length, which provide an excellent seal. The lip of the sleeve covers the area around the concrete hole and provides an effective barrier for any air escaping, because the lip is part of the sleeve. At the bottom of the sleeve is a movable cylinder, which places the RH Probe every time as required by ASTM F 2170, even if the hole is slightly too deep. Standard sleeves require no cutting.

Longer sleeves are available 3”. The sleeves can be cut to any depth required.

-- If the sleeves are over 2.4” long, we recommend the RH depth-adapter for easier cable connections. (#RH-DA)

-- Shorter sleeves may need the top-extender. The top-extender covers the rh probe and plugs into the sleeve to seal during the 24-hour waiting period. (#RH-EX)



### **Better sealing, flatter caps:**

Lignomat's caps come with an O-ring to absolutely seal the sleeves. The caps are flat and do not interfere with any traffic around the test area.



### **Fast connection:**

A fail-proof, easy-connect 3.5mm stereo plug is used to connect RH probes with the RH meters. No twisting, turning or setting-up an instrument for readings. No pin arrangements need to be fitted. We use a standard 3.5mm stereo cable. The cable comes with a seal-plug, which is pressed into the top of the sleeve and keeps the cable during the time moisture readings are obtained. After the readings the cable is un-plugged and removed.

**Most accurate testing:** Our Meter instantly shows the RH and temperature values. The resolution on Lignomat's RH meters is 0.1, 0.1%, 0.1°. No guessing or rounding up. The large numbers on the display are easy to read from with the meter, which you are holding in your hand.



**Thermo-hygrometer:** The Ligno-VersaTec meter can also be used as a thermo-hygrometer. For that application, the short RH adapter comes in handy. The RH adapter is included with every package. All RH meters from Lignomat (Ligno-VersaTec, Ligno-DuoTec BW, Ligno-Tec RH) show relative humidity, temperature, dew point temperature and grains per pound.