GE Protimeter Hammer® Electrode User Instructions

Introduction



The *GE Protimeter Hammer Electrode* BLD5055 is designed to take moisture measurements in wood at depths up to 1-1/2 in. (40 mm). The pins are insulated and will take measurements only at the tip of the pin, provided the insulated coating is in good condition. The Hammer Electrode will connect to several Protimeter moisture meters including Mini, Surveymaster, and MMS.

1 Taking Measurements

1. Connect the Hammer Electrode to the Protimeter moisture meter and make sure you obtain a zero reading. Use the calibration check device supplied with your meter to check the Hammer Electrode and meter (readings should show between 17 and 19%).
2. Hold the Hammer Electrode at 90 degrees to the surface of the material under test. With one hand hold the top handle and with the other hand slide the weight to the top of the shaft.
3. Drive the slide weight downward and repeat until the desired depth of penetration is obtained. Observe the reading.
4. Continue to drive the pins into the material and observe readings at different depths so that a moisture profile can be made.
5. To remove the pins from the wood, do not try to pull or lever the Hammer Electrode out. Use the slide weight in an upward motion to remove the pins from the wood. This will lengthen the life of the pins.

2 Pins Replacement

If the pins are broken or the insulation is worn, it will be necessary to replace the pins.

1. Unscrew the supplied tool on the top handle and slide it over the used pins. Use the hex tool to unscrew the pins.
2. Screw in the new pins, uing the same hex tool. Be careful not to damage the insulated coating with the tool.
3. Replace hex tool to its handle storage position.

3 Measuring Moisture in Finished Hardwood Floors



Note: *Always try to find dark grains in the wood for taking the measurements, as it is easier to make less visible repairs in these areas. Do not use holes made from previous measurements.*

Take measurements as follows:

1. Take measurements at the following three positions, starting closest to the surface:
   a. 1/2 way into the hardwood finish
   b. At the point the hardwood finish meets the wood subfloor
   c. 1/2 way into the wood subfloor

4 Care and Maintenance

When the Hammer Electrode is not in use, keep it in the packing tube to prevent injury to the user and damage to the pins. Inspect all parts of the Hammer Electrode weekly. If the threaded portions of the shaft begin to show any signs of wear or fractures, stop using the product and contact the *Service Department* immediately at the address provided below.

The information contained in this leaflet is given in good faith. As the method of use of the instrument (and its accessories) and the interpretation of the readings are beyond the control of the manufacturers, they cannot accept responsibility for any loss, consequential or otherwise, resulting from its use.

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