

OHM'S TESTING



A DIGITAL multi-meter is required to perform the resistance test. Analog meters (which have a needle rather than digital readout) are not recommended, as they do not provide accurate enough reading when calculating the formulas.

1. Calculate Resistance (ohms) as shown on the previous page #28.
2. Set the meter for the reading resistance in ohms – the symbol is Ω .
3. Touch the meter's probes to the red and black cold lead wires from the Harness.
4. Read the resistance from the digital display.
5. Compare "calculated resistance" to "real time resistance"

If any Terminal Crimp connection was missed, the result will be that the resistance measurement will be significantly HIGHER than the calculated resistance. If the MEASURED resistance exceeds 20% of the calculated resistance, then the connections should be checked for proper contact of the Crimping Terminals to the copper bus bars. Resistance should be recorded and a second resistance test should be performed after the flooring installation to verify that no damage has occurred to the Heating Film or Harness during the installation.

APPLYING THE EDGE SEALING TAPE



Use the Edge Sealing Tape (provided in Kits) to seal both ends of the Heating Film. The Edge Sealing Tape comes in two different widths (4.8" wide and 2.4" wide). The 4.8" wide tape is designed to seal the edge of the sheet to which the Harness or Adder is attached. The 2.4" wide tape is to seal the edge of the sheet that does not have a Harness or Adder attached, or any section of the Heating Film that has been cut as part of the installation process. Simply

attach one edge of the Tape on one side of the sheet and fold over the other half, thereby sealing each end of the Heating Film. You may need to purchase additional Edge Sealing Tape (part #EST-4.8-42) to enable you to completely tape over and cover/seal any holes that have been cut into the Heating Film (for angles, sockets, islands, etc.).