

## **Lightning Protection Information for Roofers & Roofing Consultants**

A major development in the life of any lightning protection system will occur when the building roofing system requires major overhaul or replacement. The entire array of direct strike protection for the structure along with critical bonding elements for internal grounded systems that vent through the roof can be affected during this process. The reroofing process is seldom as simple as removing and reinstalling the existing lightning protection components. There are so many potential problems with unqualified contractors attempting a removal and reinstall; it has proven to be a major source of substandard systems on older structures.

Various elements of the reroofing process require the supervision of a qualified lightning protection contractor. A decision must be made on the removal and care of existing system components for possible reinstallation. The process of removal and reinstallation on phased projects needs coordination to maximize time under protection. Structurally mounted hardware needs to be properly anchored according to the Standards. Bonding reinstallation must fulfill the system needs for roof-level potential equalization. Runs of cable conductor must provide the most direct low-impedance path to building downleads and structural steel. The total package must return the building to the protected zone of the lightning protection system for the expected safety level of occupants and contents.

**Eliminate your liability - always use LPI certified installers for installation and maintenance of lightning protection systems.**

**For a list of our qualified installers, click on [Members-Installers](#).**