



1. It is the responsibility of the building owner to ensure code compliance.
2. GenFlex Roofing Systems assumes no responsibility for attachment of lightning rods or damages to the roof system caused by failure or detachment of lightning rods.
3. Contact the GenFlex Technical Department for detail on mechanically attached systems.
4. When installing a vertically mounted lightning rod, first clean mounting area of membrane with TPO Cleaner, and apply a generous bead of GenFlex Water Stop to back of mounting plate in a pattern that crosses all holes in the plate. Position the plate in mounting location, and secure it to the wall, making certain that the fasteners penetrate the bead of Water Stop. Securement must be adequate to hold the bracket firmly to the substrate. Caulk the perimeter of the mounting plate with GenFlex Termination Caulk, and fill in all exposed holes on mounting plate with Termination Caulk. Install the lightning protection grounding cable as in Detail T-19.02.
5. Application of lightning protection on Mechanically Attached Systems requires the use of roof pavers to provide a stable surface to which the lightning rods can be mounted. Use minimum 24" x 24" x 2" (610 mm x 610 mm x 51 mm) pavers, weighing no less than 40 lb (18.14 kg) each. The pavers must be laid in the necessary pattern on slip-sheets of TPO membrane that extend 3" (76 mm) beyond the pavers in all directions. These slip-sheets should be secured to the paver with a dollop of Termination Caulk. Care must be taken to run the pavers along the lines of membrane securement because this type of roof system will produce some amount of sheet flutter when subjected to significant wind loads. Install the lightning protection grounding cable between pavers as in Detail T-19.02.