



## Fire Safety

The following fire safety precautions should be taken during the installation of Firestone Single Ply Roofing. These precautions relate only to the prevention of fire ignition or extinguishing of fire during the installation. All normal precautions for working on a roof must also be practiced.

### SETUP PROCEDURE:

1. An escape route from the roof, if a fire does occur, must be planned. If necessary, move the ladder to a location away from the adhesive application area. (Note: The ladder may have to be moved during the day as the work progresses.) **Assign one member of the crew to monitor the availability of an escape route.**
2. Determine the location of the nearest telephone that can be used to notify the fire department and the telephone number to use if a fire does occur. **Assign one member of the crew to make this telephone call.**
3. Hand-held portable fire extinguishers must be available to the workers in the immediate vicinity of work. There should be at least one extinguisher for every 3000 square feet (279 square meters), and it should be rated not less than 2A. The distance to the extinguisher should not exceed 100 feet (30.5 meters). If a garden hose is used as an extinguisher, the hose should be no longer than 100 feet (30.5 meters), and it must be equipped with a nozzle.
4. A fire extinguisher rated not less than 10B must be provided within 50 feet (15.7 meters) of the location where more than 5 gallons (19 liters) of combustible liquids are used or stored on the job site.
5. All workers should be trained in the proper use of these extinguishers.

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6. Prior to application of adhesive, survey the area for ignition sources such as welding or smoking. Do not apply adhesive if these sources exist. **Assign one member of the crew to make this survey.**
7. When using a spray application of the adhesive, connect a ground wire from the spray nozzle to a suitable ground. If this application is on a metal roof deck, a connection to the metal deck is sufficient. If the application is on a non-conductive roof deck such as wood or concrete, connect the ground wire to an earth ground. As the work progresses, this ground may have to be moved. Before spraying, either initially or whenever the spray machine is moved, check the continuity of the ground with an ohmmeter. **Assign one member of the crew to verify the continuity of ground connection for each spraying operation.** (This may be the same person who performs the ignition source survey.)

### FIRE INCIDENT PROCEDURE:

1. The crew member who is assigned to notify the fire department should immediately leave the roof and call. He should then wait for the responding agency and direct them to the fire area.
2. The crew member trained for and assigned to the fire extinguishers should immediately retrieve the extinguishers and attempt to extinguish the fire. **NOTE: USE GOOD JUDGMENT. IF THE FIRE INTENSITY IS TOO GREAT TO BE EXTINGUISHED BY HAND, LEAVE THE ROOF.**

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