

BLAZE FIGHTER®
APPLICATION INSTRUCTIONS.

The integrity of the application largely depends on the surface preparation. Although the required preparation is not extensive, it is important to remove any loose debris that may be present on the surface of the structure.

For best results the application surfaces should be dry and all cavities cleaned from loose particles. Slightly damp surfaces are tolerable but application to fully saturated surfaces should be postponed.

Recommended Safety Equipment

- Disposable Nitrile gloves
- A NIOSH/MSHA approved mask
- Safety glasses
- Ventilation
 - The product was intended for outdoor application to existing structures. It may be applied in an enclosed area provided that sufficient ventilation to draw any airborne particles away from the operator is made available.

Note: Prevent skin contact, keep away from clothes, equipment and avoid any inhalation of vapors or airborne particles.

Pole preparation

Note: Ideal conditions would be a dry pole surface, free of contaminations or excess creosote

1. Inspect for damage to determine if the pole needs replacing
2. Clear the surface of the pole of any foreign debris to the expected application height
3. Using a wire brush clean the area to be coated and remove excess globs of wood preservative if there are any.
4. For best results, remove the soil approximately 2" below grade around the pole to a minimum distance of 2" from the pole

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Dispense Gun Set Up

1. Assemble the spray gun as per the instructions provided with the dispense gun
2. Ensure that the available compressor is capable of maintaining 13 CFM
3. Make sure the pneumatic pressure does not exceed 115 psi (pounds per square inch).
4. ***Make sure the pneumatic air pressure is disconnected from the spray gun***
5. Remove the plastic cap and plugs from the top end of the cartridge (retain the plugs and cap to “repack” the cartridge for later successive uses).
6. Install the 17” static mixing head onto the threaded end of the cartridge, being ***careful not to cross thread the mix head on the cartridge.***
7. Install the black aeration nozzle onto the end of the static mixing head, with the tip end of the static mixing head ¼” to ½” away from the tip of the nozzle
8. Connect the air supply to the gun
9. **Be sure not to open the aeration valve with the tube disconnected from the nozzle or the tube may be uncontrollable and cause damage or personal injury.** Place the cartridge into the spray gun cradle, if the assembly seems tight remove the cartridge and temporarily hook up the pneumatic air pressure to the gun, retract the pistons as far as they will go by pressing the gun actuating trigger at the same time as pressing the piston release button, disconnect the pneumatic air pressure. Re-insert the cartridge into the cradle.

Application

Depending on the specific situation, the recommended coverage is from 2” below grade to 5 feet up from the ground. Depending on the pole diameter, this will require 2 cartridges. For optimum protection, the final build should be approximately ¼” uniform thickness, applied gradually using several passes during the spray process.

1. Make sure the incoming pneumatic air pressure is set at 115 psi. ***Be sure not to open the aeration valve with the aeration tube disconnected from the nozzle or the tube may be uncontrollable and cause damage or personal injury.*** Connect the pneumatic air pressure hose to the spray gun.
2. Connect the aeration tube to the aeration nozzle via the quick release elbow joint.

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3. Open the aeration release valve and make sure the pneumatic air pressure to the aeration nozzle is set to 20 psi. The aeration pressure may be changed by the adjustment knob beneath the pressure dial
4. The adjustment knob on the back of the gun adjusts the dispensing rate of the contents of the cartridge to the aeration nozzle.
5. Actuate the trigger lever to start the spraying process.
6. Apply the coating from 2" below grade level to 5 feet above grade level on the surface of the pole as evenly as possible, covering any indentations or cavities that may be present, ensuring as complete and continuous surface as possible. The coat thickness should be at least ¼" in thick. In some cases it may be better to continually apply several thinner layers, by making several passes, to obtain the desired thickness.
7. Once the cartridge or the job is completed, turn off the aeration valve and retract the pistons as far as they will go by pressing the gun actuating trigger at the same time as pressing the piston release button.
8. Disconnect the pneumatic air hose from the spray gun.
9. Disconnect the aeration tube from the spray nozzle via the quick release elbow joint (do not dispose of the quick release elbow joint, it is part of the spray gun assembly)
10. Remove the cartridge from the spray gun cradle and place the spray gun in storage after cleaning it and wiping it down.
11. Unused material left in the cartridge may be used later. Simply remove and discard the static mixer, wipe away any excess material from the threaded openings and replace the plastic protective caps over the threads.

Note:

The product has been tested to withstand a solid, uninterrupted burn up to 20 minutes. Protection can be expected up to the height of the applied coating but not including exposed wood surfaces. Complete and uniform coverage is essential to prevent ignition from migrating under the coating.

The above instructions were developed based on our field trials and, as a result, may not be applicable to all situations. The spray equipment may change from time to time depending on suppliers design. It is only prudent to treat all foreign substances with respect and wear all the recommended safety equipment while using this product.