



## APPLICATION INSTRUCTIONS

### SuperBundy® Two-piece Heavy Duty Adhesive

*First-time applicators should contact Flint Trading, Inc. for product support and on-site training.*

SuperBundy® Adhesive is not recommended for use with snow-plowable, or solar/ non-solar LED, Raised Pavement Markers with heavy metal castings.

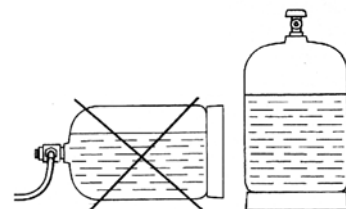
- Equipment:**
- Flint 2000EX® or equivalent propane fueled torch with pressure regulator and 25 ft. of hose
  - Gas Powered Blower or Broom
  - Chalk Sticks and Chalk Snap Line
  - Adequate Supply of Propane
- Moisture:** Pavement must be dry. Ensure that no moisture is present prior to positioning the SuperBundy® material on the pavement surface.
- Surface:** Asphalt and concrete must be free of dirt, dust, chemicals or significant oily substances. Do not apply on top of paint, cold plastic, or Greenlite. It can be applied on top of thermoplastic. When applying on top of old thermoplastic scrape off any thermoplastic that is loose and then ensure that no moisture is present. The old thermoplastic surface must not be chipping, and it must be clean. If the old thermoplastic is oxidized (powdery surface), grind or heat it and scrape the top surface so fresh material is exposed.
- Object:** Ensure that the surface to be inserted in the adhesive is dry, free of dirt or chemical release agents. Mounting bases for flexible traffic delineator posts are often covered with a film of mold release agent which is difficult to detect. To remove this film in the contact area, flame the base with a propane fueled torch, such as the Flint 2000EX®.
- Material:** SuperBundy® shall be kept dry at all times - in storage, in transit and on the project. Avoid extreme storage temperatures. Preferably, SuperBundy® should be stored in a building that is between 35° F. and 90° F. The packages should be stored flat and stacked a maximum of 25 packs high. Shelf life is 12 months.

### SAFETY PRECAUTIONS:

Protective clothing, consisting of leather boots, or work shoes, long pants, gloves, and either safety goggles or a face shield, and a safety vest should be worn while applying SuperBundy®. Avoid all contact with the molten SuperBundy® material and Flint 2000 EX® heat torch flame. If you do get molten material on your skin, flush the area immediately with plenty of water and then seek medical attention. Do not attempt to pull the molten material off of your skin. In the event of accidental skin contact with the sealer wash contaminated skin with soap and water and remove contaminated clothes immediately. In the event of accidental sealer contact with the eyes, immediately flush eyes with plenty of water for at least 15 minutes; remove contact lenses; call a physician.

Heat torches such as the Flint 2000EX®, or Magnum operate on vaporized propane gas. Use the largest size cylinder possible. The propane gas cylinders must be used in the standing, upright position with the valve being the uppermost part.

Never lay the cylinder down. This will allow liquid gas to flow into the torch and is not recommended. Do not use the torch if the propane cylinder is not in the upright position.



**INSTRUCTIONS FOR APPLICATION ON ASPHALT AND CONCRETE:**

1. SuperBundy® is a two-piece system. Do not attempt to use a single piece only as this will result in inadequate bonding and potential failure.
2. Clean intended application area thoroughly. All loose particles, sand, dust, etc. must be removed. Utilize a power blower or compressed air if available, otherwise sweep thoroughly.
3. Ensure that no moisture is present prior to positioning the SuperBundy® material on the pavement surface.
4. Preheat the pavement surface using a propane fueled torch, such as the Flint 2000EX®.
5. Position the first piece of SuperBundy® on the preheated pavement surface.
6. After positioning the SuperBundy® material, begin heating the material by moving the flame from a propane fueled torch, such as the Flint 2000EX®, slowly, but steadily over the material. Move the torch in a sweeping motion over the material at a height of 4 to 8 inches so that heat is evenly applied and melt the material. Always position yourself with the wind at your back, if possible, so the wind moves the heat away from the applicator's feet. The SuperBundy® material must be heated to its melting temperature to achieve a bond with the pavement. Continue to heat the adhesive pad until the well defined edges of the pad are no longer visible. A brownish film will typically form on the surface when the material has reached its molten stage.
7. Without delay, position the second piece of SuperBundy® on top of the molten piece. Remember to wear safety gloves.
8. Heat the second piece of SuperBundy® until it is completely molten. A brownish film will typically develop on the surface when the material is molten. Continue to heat the adhesive pad until the well defined edges of the pad are no longer visible. The adhesive pad must be completely molten before positioning the object to be affixed to the pavement surface. At this point the adhesive pad should appear as a “puddle” of molten adhesive.
9. Position the object on the SuperBundy® immediately after the torch flame is moved away from the material. Make sure that there is at least ¼” inch of SuperBundy® material surrounding all sides of the object. When positioning the object on the SuperBundy® make sure to put one side of the object down first and then the other in order not to entrap air.
10. Apply slight downward pressure on the object to ensure embedding and bonding, but make sure the object is not embedded so deeply that it rests on the pavement surface. It is important that there is a small cushion of SuperBundy® material between the pavement and the object.
11. Curing is complete when the SuperBundy® material has cooled down to a temperature where the object no longer can be moved. If needed, the curing time can be shortened by pouring cold water over the adhesive.

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