KNIGHT™ BOLLARD

SECURITY CORE INSTALLATION INSTRUCTIONS

MATERIALS INCLUDED

TOOLS NEEDED

STEP BY STEP FOR ALL KNIGHT SECURITY BOLLARDS

1. Create space for footer
   • A sufficient footer size depends on frost and other conditions to be determined by the installer. A minimum of an 18” x 18” wide x 30” deep footer is recommended.

2. Position and support security core
   • Position security core in desired final location and support so concrete can be poured in hole around security core.
   • The bottom of the base plate should be level with the ground surface.
   NOTE: The security core also serves as a conduit path.

3. Pour concrete footer
   • Mix concrete and pour footer according to concrete manufacturer’s instructions.
   • As soon as footer is poured, verify levelness.
   • Allow concrete to cure completely according to concrete manufacturer’s instructions before removing any temporary supports or installing fixture.
   NOTE: Security core will need to be free of moisture prior to fixture installation.

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Position bollard over security core

- Inspect security core for moisture. If moisture is present remove and dry immediately before installing fixture. Do not install fixture unless security core is completely dry.
- Slide bollard over security core so lower holes in bollard line up with holes in security core base plate.

Attach bollard to security core

- Thread 1/4"-20 x 3/4" flat head cap screw (a) into each lower hole in bollard.
- Use 5/32" hex bit or key to tighten all screws until snug.