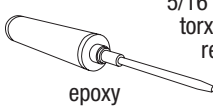
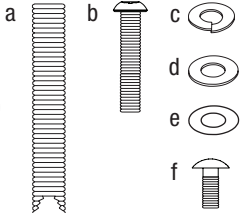



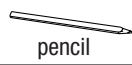



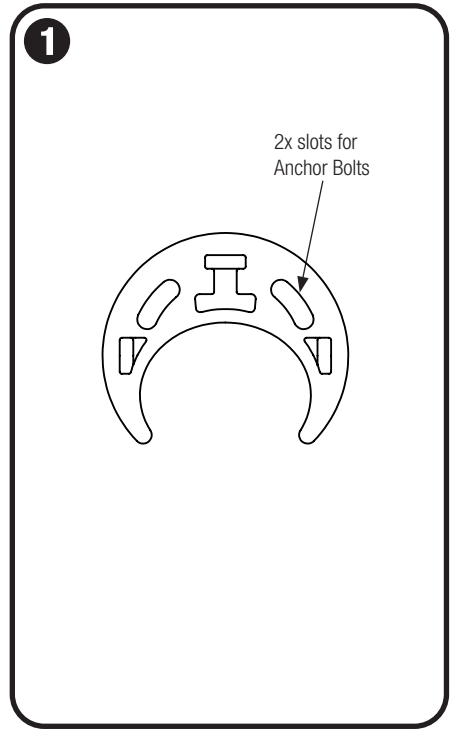


RADIA™ BOLLARD, SOLAR

SURFACE MOUNT INSTALLATION INSTRUCTIONS

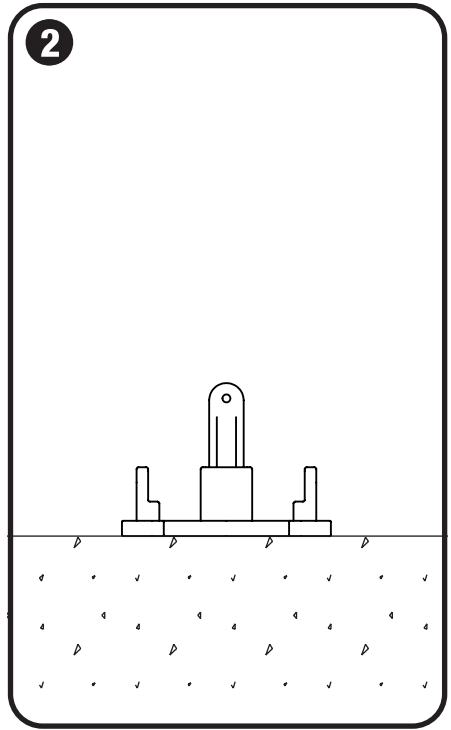
MOUNTING KIT (SOLD SEPARATELY)		TOOLS NEEDED	
 <p>epoxy</p>	 <p>a b c d e f</p>	 <p>1/4", 1/2" & 3/4" drill bits for concrete</p>	 <p>steel wire brush</p>
 <p>5/16" hex bit and T40 torx bit for tamper-resistant bolts</p>		 <p>pencil</p>	 <p>epoxy gun</p>
			 <p>hammer drill</p>
			 <p>Loctite</p>

STEP BY STEP FOR ALL SURFACE MOUNTED RADIA SOLAR BOLLARDS



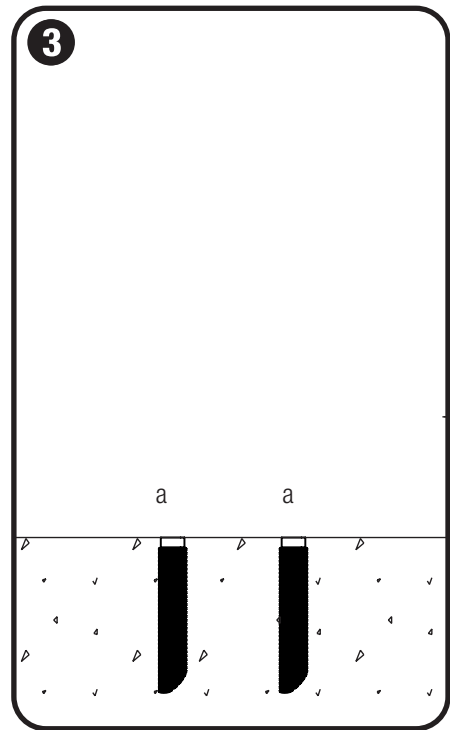
Mark hole locations

- Place base plate in desired location. Mark center of each hole location with a pencil.



Drill holes

- Use hammer drill to drill 5" deep x 7/8" diameter anchor hole at each marked location using a 7/8" drill bit suitable for concrete drilling.
- NOTE: Forms+Surfaces recommends starting holes with 1/4" diameter drill bit followed by 1/2" and finally 7/8" for maximum accuracy.



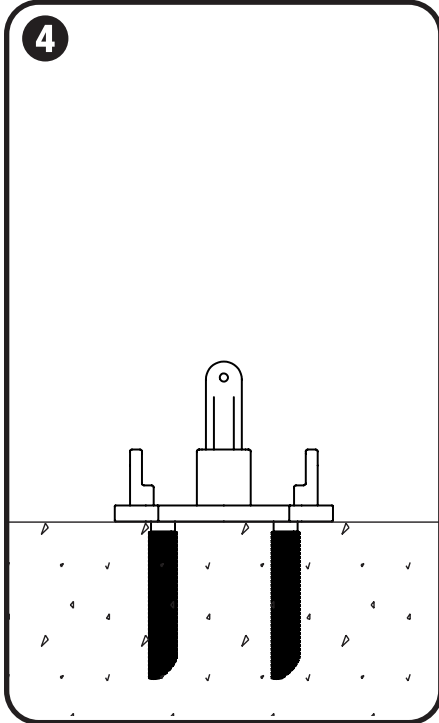
Fill holes & insert anchors

- Use compressed air and steel wire brush to clean each anchor hole in accordance with epoxy instructions.
- Use epoxy in epoxy gun to fill each anchor hole 5/8 of the hole depth in accordance with epoxy instructions.
- Insert 1/2"-13 x 5" epoxy anchors (a) into each anchor hole so anchor top is flush with ground. Allow proper curing time according to cure schedule on epoxy instructions before moving on to Step 4.

RADIA™ BOLLARD, SOLAR

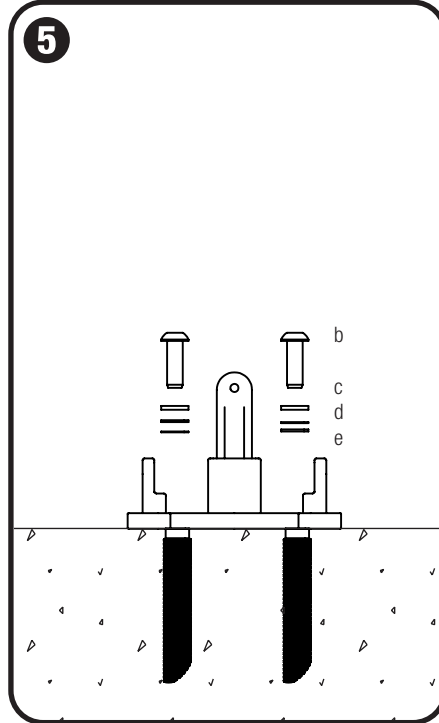
SURFACE MOUNT INSTALLATION INSTRUCTIONS

STEP BY STEP FOR ALL SURFACE MOUNTED RADIA SOLAR BOLLARDS



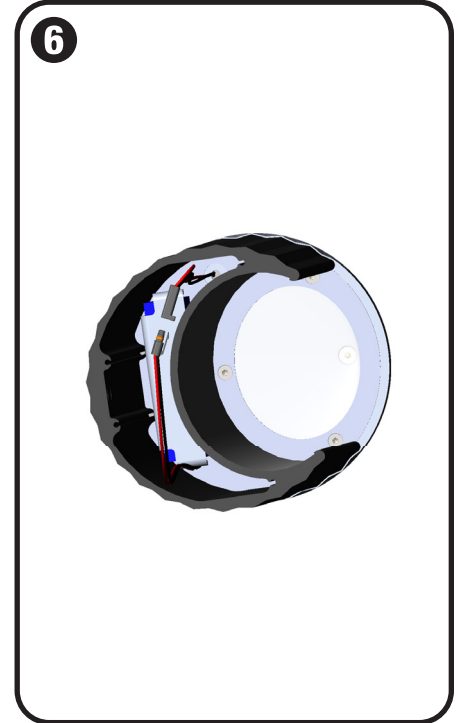
Position base plate

- Position base plate so that the mounting holes line up with anchors.



Attach base plate

- Slide 1/2" stainless steel lock washer (c), stainless steel flat washer (d) and polymer flat washer (e) onto each 1/2"-13 x 1-1/2" tamper-resistant button head cap bolt (b).
- Insert bolts into mounting holes in base plate and thread into anchors using 5/16" hex bit for tamper-resistant bolts.

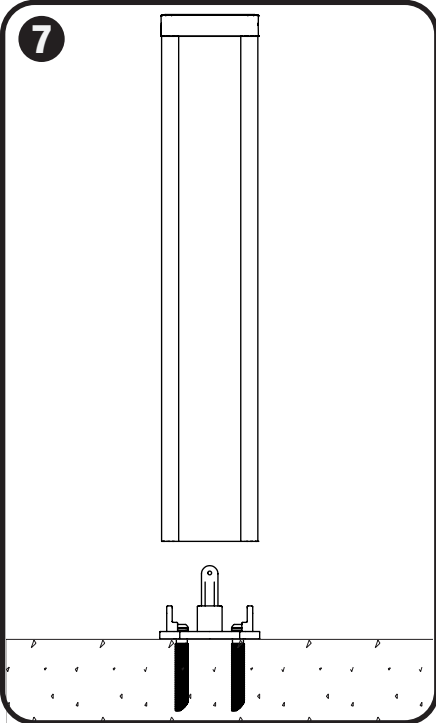


Connect battery

- Locate plug from battery and connect to fixture plug in base of bollard. LED should illuminate briefly when proper connection is made.

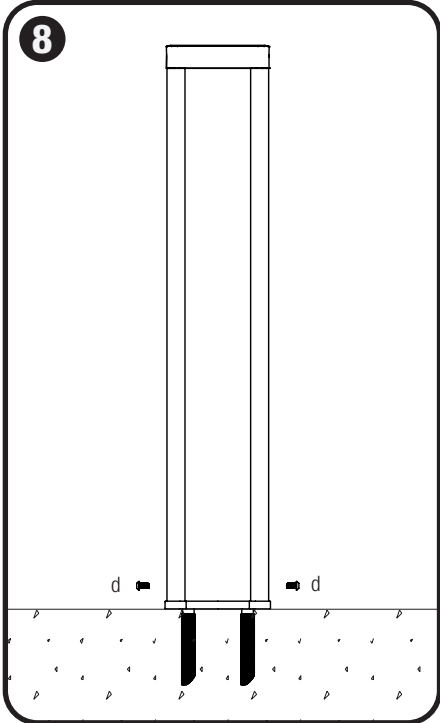
RADIA™ BOLLARD, SOLAR

STEP BY STEP FOR ALL SURFACE MOUNTED RADIA SOLAR BOLLARDS



Place bollard

- Slide bollard over base plate, lower and align mounting holes.



Attach bollard to base plate

- Thread 5/16"-18 x 5/8" tamper-resistant bolts (d) into each hole.
- Use T40 torx bit for tamper-resistant bolts to tighten all bolts until snug.