

DIY Kit: Concrete Instructions



Watch a special how-to video just for you: bit.ly/mdpkit

In this bag, you'll find all the materials needed to make three concrete candle holders.
(and remember, this is concrete- DO NOT EAT!)

Tip: Leave the holders natural or paint them! You could also pick up a concrete color mix, which you add to the dry mix.

Getting Started

- Remove and identify contents:
 - 3 packages of RapidSet cement
 - 3 plastic cups, use as molds and water measures
 - 3 tea lights
 - 1 face mask*
 - 1 pair of gloves*
- In addition, you will need:
 - Water (in pourable container)
 - Scissors
 - Paper towels
 - Something to protect work surface
 - Sandpaper (optional)

Safety

*Gloves and face mask are included to protect you from breathing in cement dust and to protect your hands from cement. Use the gloves and mask and work in a well ventilated area such as open garage or outside.

RapidSet Cement Bag warning

WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES. Use in well-ventilated areas only. Exposure to cement dust may irritate eyes, nose, throat, and the upper respiratory system/lungs.

See the full RapidSet data sheet at: http://www.ctscement.com/wp-content/uploads/2016/08/CEMENT_ALL_Datasheet_DS_024_EN.pdf

How-to Steps

1. **Protect** work surface (newspaper, drop cloth, puppy pad, etc.)
2. Put on **gloves and mask***
3. **Pour water** into one of the plastic cups, up to the marked fill line. (approx. 2.5 tablespoons)
4. Pour this water into **one bag of cement**—use a paper towel to dry the inside of the water cup.
5. Seal the bag, **knead the cement** and water until all the cement is well mixed.
 - Work quickly, cement sets within 15 mins
 - You might need to add a little more water if your cement looks dry (it should look like soft serve chocolate ice cream)
6. Move the cement away from one corner of the bag, **cut** corner.
 - Wipe off scissors if they get messy
7. Keeping the bag sealed, from the cut corner, **push** the contents of the bag into plastic cup
8. **Tap** cup on a surface to bring up air bubbles
9. **Wait** 1-3 min (depending on how watery your cement looks) then **push** tea light into center
10. **Cover** with lid but don't seal
11. Let the candle holder cure for **one hour**.
 - It's normal for the cement to feel warm
12. Turn the plastic mold **upside down** and gently tap onto a surface, the candle holder should slip right out.
 - Sand or break off any ragged edges
13. While the cement has structural strength after one hour, it will **continue to cure** for the next several days.
 - Until it's fully cured, don't put it on any surface that could be damaged by moisture.
14. **Repeat steps 3-12** for the other two candle holders.



DIY Kit: Concrete created & handmade by
MotherDaughterProjects.com