

Candle Holder

Create a floating lotus flower candle holder with this resin project kit.

YOU WILL NEED:

- CHEMSET® Resin Bag Candle Holder Kit*
- Digital scales accurate to 0.01g
- Plastic or metal box



INSTRUCTIONS:

Open the jar of sparkle resin and stir the contents gently, with a mixing stick, to ensure the sparkles are distributed evenly throughout.

Place the mixing pot on your scales then re-zero the scales.

Pour all of the sparkle resin into the mixing pot and make a note of the weight.

Calculate 50% of the weight of the resin and add this much hardener into the mixing pot. For example, if you had 58g of resin you will need to add 29g of hardener.

Stir carefully with a mixing stick until fully mixed making sure you get into the edges of the cup.

Let the enamel rest for a few minutes, this allows any bubbles caused by mixing to dissipate.

Place your mould on to a heat-proof, flat surface (such as a placemat) so you are able to move it around easily if you need to.

Pour the resin mix into the mould.

You can use a cocktail stick to make sure the resin gets into all of the corners.

You will have approximately 45 to 60 minutes to use the mixed resin. The amount of usable time will vary according to the amount you have mixed and the temperature of the room.

Cover the mould with a plastic or metal box (to protect from dust) and leave in a warm place (min. 20°C) to cure overnight.

When the resin has fully cured gently peel the mould away from the resin. The mould can be used over and over again.



*The CHEMSET® Resin Candle Holder Kit is available to purchase from www.brightenamels.co.uk>where-to-buy>starter packs and contains: Lotus flower mould, 60g CHEMSET ES 8571 Yellow Sparkle resin, 30g CHEMSET ES 8204 Hardener with pipette, a 125ml mixing pot and 2 mixing sticks.



CHEMSET® makers of **Bright Enamels**
01622 717141 enquiries@rfbright.co.uk



Guidance Notes

Before you begin to work make sure you have read the health & safety information sheet and that the area you are using is clean and dry with ventilation.

The best working temperature is between 20°C & 25°C. If the temperature falls below this during curing you could find that the resin stays soft or gets surface defects.

Curing takes place over a period of 16 hours at room temperature (minimum 20°C) or 3-4 hours in a curing cabinet at 30°C.

When mixing the resin and hardener together be aware that the mixing ratio is always 100:50 parts by weight.

The proportioning of the enamel is very important and it should be done with care and accuracy. If there is any imbalance with either resin or hardener the chemical reaction will not be complete and uncured material will probably be left soft and sticky. The best method to use is weighing with accurate small scales that measure down to 0.1g.

After weighing out the material mix well but do not beat in air. Removal of air bubbles is difficult and care taken at the mixing stage will result in fewer bubbles forming.

If necessary, air bubbles can be removed by reducing the surface tension of the resin which enables the air bubbles to burst more easily. You can do this by passing a flame, such as from an oven lighter, quickly over your item.

The mixed material will remain usable for about 45-60 minutes, dependant on temperature, before it thickens and the chemical reaction starts.

