

# Sun Catcher

Create a beautiful sun catcher with this handy project kit.

## YOU WILL NEED:

- CHEMSET® Resin Sun Catcher Kit\*
- Digital scales accurate to 0.01g
- Plastic or metal box



## INSTRUCTIONS:

Remove the protective wrapping from one side of the acrylic frame.

Peel back a corner of the sticky back plastic and attach it to one corner of the acrylic design. Pull the paper away steadily letting the sticky plastic lie over the frame. Press gently along the design to ensure there is a good seal all over with no gaps.

Place a mixing cup on your scales then re-zero the scales.

Pour 4g of one colour of resin into the mixing cup.

Add 2g hardener into the mixing cup.

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

Create four mixes of resin in total; green, yellow, pink and red.

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

Using the mixing stick drop a small amount of resin into one of the leaf shapes of the frame. You can use a cocktail stick to tease the resin into the corners of the design.

You can use another mixing cup and add some of the yellow mix and the green mix together to create a different shade of green.

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.

Use the pink and red resins for the flowers, mix with the yellow for a brighter effect.

Once you are happy with the design, cover 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 carefully peel off the plastic backing and the protective plastic on the front.

Use the large jump rings to attach the hanging chain to the frame.





\*The CHEMSET® Resin Sun Catcher Kit is available to purchase from [www.brightenamels.co.uk](http://www.brightenamels.co.uk)>where-to-buy>starter packs and contains:

Acrylic Begonia frame, piece of bookbinding, black chain & jump rings, 20g each CHEMSET ES 8552 Transparent Yellow, CHEMSET ES 8555 Transparent Red, CHEMSET ES 8557 Transparent Green and CHEMSET ES 8562 Transparent Pink resins, 40g CHEMSET ES 8204 Hardener with pipette, 3 each miniature mixing pots and mixing sticks.

## 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.



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