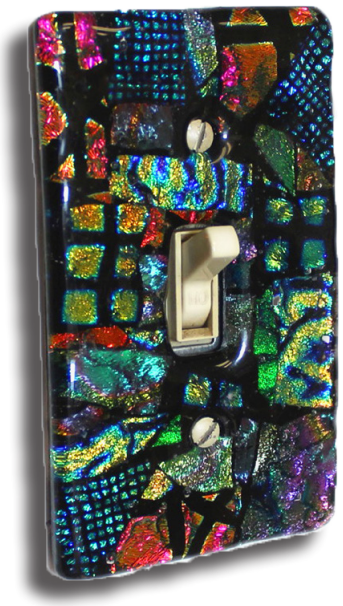
LIGHT SWITCH PLATE



Creative Paradise Inc.

GENERAL MATERIALS:

- LF112 Switch Plate
- Various Colors and Types of Fusible Compatible Glass
- Suitable Glass Separator/ZYP
- Two #6-32 1/2" Screws for Mounting

Molds with posts can be tricky to use, so please click here for some of our general tips on using them!

It is always important to thoroughly treat your molds, but particularly when using the Switch Plate mold make sure you coat every edge and angle well. If using spray-on separator and/or powder frit, make sure to use proper respiratory protection.

GENERAL INSTRUCTIONS:

You can use any kind of fusible glass in the Switch Plate, as long as it's all compatible! Frit, noodles, stringers, rods, and scraps of sheet in any colors and finishes can all work to create an endless variety of plates to suit your tastes. We recommend using opaque glass in the base of the mold to cover up any undesirable parts of the light switch unit underneath.

As mentioned in the general tips for molds with posts linked above, be careful when removing the glass from the mold. The best way to do this is once the glass is fused and fully cooled, invert the mold gently onto a soft surface such as a folded towel on a table. The glass should fall from the mold, but if it doesn't you can softly thump the back of the mold a few times to encourage it. Never try to pry the glass loose, as that can break the posts.

To mount your finished piece, use two #6-32 1/2" wall plate screws. If your screw heads are smaller than the holes in the glass, insert the top screw into your light switch unit and screw it in slightly then mount the glass onto the screw. Finish tightening the top screw and add the bottom screw accordingly and the glass will be held securely in place.

DICHROIC EXAMPLE:

To recreate the dichroic switch plate shown above, use the following steps:

1. Thoroughly treat the mold with glass separator (**Image 1**).
2. If following fill weights, weigh the empty mold.
3. Cover the bottom of the mold with 1/8"-1/4" of COE96 F2 Fine Black Frit (**Image 2**).
4. Use a mosaic nipper to cut various pieces of compatible dichroic glass (both clear and black will work) and place them in a single layer over the Black frit in the mold (**Image 3**).
5. Fill the remainder of the mold with F3 Medium Clear until you reach a total fill weight of 128 grams (**Image 4**).
6. Carefully brush or sweep the frit away from the mold walls and posts and mound it towards the middle to avoid burrs and sticking.
7. Fire to a Full Fuse using the suggested schedule in **Table 1** or your own preferred Full Fuse with a bubble squeeze.
8. Mount using the instructions above.


IMAGE 1


IMAGE 2


IMAGE 3


IMAGE 4

Additional examples of other switches made with similar techniques

TABLE 1: FULL FUSE*			
Segment	**Rate**	**Temp (°F)**	**Hold**
1	300	1150	45
2	150	1300	20
3	400	1460	10
4	9999	950**	60
5	100	800	01

**If using COE90, adjust to 900°F

*Before firing, check our Important Firing Notes by clicking here to see if you need to adjust our firing schedules for your kiln!