

# LIGHT SWITCH PLATE

*Creative Paradise Inc.*

Using molds with posts comes with a few extra considerations. [Please click here for some extra tips](#) on how to best use them!

## BASIC MATERIALS:

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

Treat the mold thoroughly with glass separator before beginning, making sure to coat every edge and angle. We recommend spray-on ZYP. **Make sure to wear a mask when applying spray-on separator or using powder frits.**

## GENERAL INSTRUCTIONS:

As long as all the glass is compatible, any types of fusible glass can be used. Frit, noodles, stringers, rods, and sheet glass in any colors and finishes can all work to create a nearly endless variety of plates. However, we do recommend using opaque glass as the base to cover up any parts of the light switch unit underneath. If using cut sheet glass, take care to avoid scratching the sides of the mold as this can remove separator and lead to sticking.

Once filled and fired, take particular care when removing the glass from the mold. The best way to remove glass from any mold with posts is to wait until it has completely cooled then invert the mold onto a soft surface such as a folded towel on a table. The glass should fall easily from the mold, but if it doesn't you can gently thump the back of the mold a few times to encourage it. Never try to pry the glass loose, as this can break the posts.

**To Mount:** Use two #6-32 1/2" Wall Plate Screws. If the screw heads are smaller than the holes in the glass, insert the top screw into the light switch wall unit and screw it in slightly. Then mount the glass onto the screw and finish tightening. Add the bottom screw and tighten accordingly to secure the glass in place.

## DICHROIC EXAMPLE:

For the dichroic Switch Plate in **Example 1:**

1. Treat the mold with suitable glass separator and allow ample time to dry (**Image 1**).
2. Cover the bottom with a layer of F2 Black (**Image 2**).
3. Nip various pieces of Dichroic Sheet Glass (both Clear and Black will work) and place them in a single layer, dichroic side up, over the Black (**Image 3**).
4. Add F3 Clear until full (**Image 4**). If using fill weights, this is about 128 grams of glass total.
5. Carefully brush the frit away from the mold walls and posts and mound it towards the middle to avoid burrs and sticking.
6. Fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.
7. Once cool, mount and enjoy!

### SUGGESTED GLASS (COE96):

- F2 Fine Black Frit
- F3 Medium Clear Frit
- Dichroic Sheet Glass

**TABLE 1: FULL FUSE\***

Seg.	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 this to 900°F

\*Before firing, it's important to know your kiln. For tips on that, [please click here to see our Important Firing Notes!](#)



EXAMPLE 1



IMAGE 1



IMAGE 2



IMAGE 3



IMAGE 4



Additional examples of other switches made with similar techniques

