

HOW TO MAKE PHOTOPOLYMER SIGNS

5 STEP

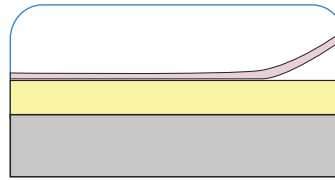
process of making
photopolymer signage:

5 Easy Steps

STEP 1

STEP 1

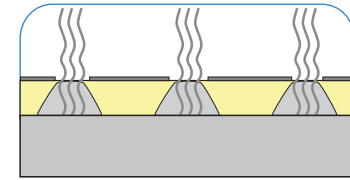
Contact With Film Negative



The first step is to place a high density film negative on top of the photopolymer sheet.

STEP 2

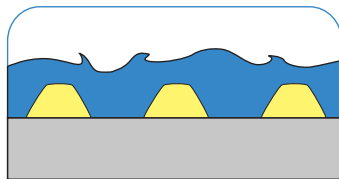
Exposure with UV Light



There is a bank of UV lamps that shine down and pass through the clear areas of the film negative and expose the photopolymer material.

STEP 3

Wash in Plain Tap Water

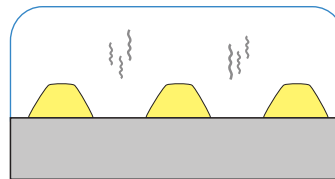


The unexposed photopolymer gets washed away during the washout process in plain tap water.

The photopolymer effluent is 100% biodegradable and goes right down the drain. You are left with the exposed raised images.

STEP 4

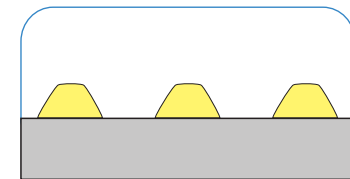
Drying



Dry the moisture off the material. The photopolymer and the base PETG does not absorb moisture during the washout - drying is to evaporate any standing moisture left on the sheet.

STEP 5

Post Exposure



Post exposure is a second exposure to fully cure, harden and activate the photopolymer. This is the final step in processing photopolymer.

Note: This shows how the Braille will appear after the top coating.

