

Plate-making Procedure

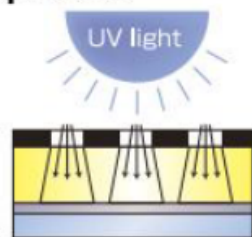
TOYOBO MC Corporation

1 Contact with negative film



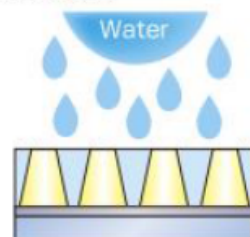
Remove the cover film and place a negative film on the undeveloped plate. Use a negative film having the optical density of no less than 3.0.

2 Exposure



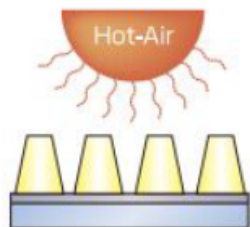
Expose the plate through the negative film to UV light having 360 nm wave length. Determine the correct exposure time using a 21 steps grey scale. Follow "TIPS FOR Printtight®" in each case.

3 Washout



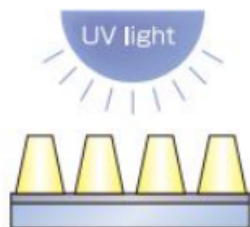
Remove the negative film. Washout the exposed plate with water. Use the special washout machine suitable for TOYOBO Printtight®. Washout time depends on the thickness of the plate. Follow "TIPS FOR Printtight®" in each case. Rinse the washed out plate with fresh water.

4 Drying



Dry the plate in a hot-air dryer after taking-off the surface water with a sponge roll. Drying time depends on the type of the plate. Follow "TIPS FOR Printtight®" in each case.

5 Post exposure



Expose the developed plate after drying again to UV light in order to get stability. Post exposure time should be the same or longer than main exposure time.