

ABSTRACT

A METHOD FOR APPLYING AND EXPOSING COATING OR INK COMPOSITIONS ON SUBSTRATES TO RADIATION AND THE PRODUCT THEREOF

The present invention describes a two-sided radiation exposure method including a step of applying a coating or ink composition on a surface of a nonporous substrate. The applied coating or ink composition surface of the nonporous substrate is exposed to radiation one or more times. In addition, a non-applied surface of the nonporous substrate is exposed to radiation one or more times. The two-sided radiation exposure method improves adhesion and/or curing properties of the coating or ink composition applied on the nonporous substrate. The present invention also describes a radiation exposed, nonporous substrate with a coating or ink composition applied on a surface thereof produced by the steps of the above-mentioned method.

Fig. 1