

AP201G (Primers – Glass)

Description

AT Inks, AP201G, is an Adhesion Promoter (also called Primer or Varnish by some) specially designed to improve adhesion of UV Curable Inkjet inks on Glass surfaces. Glass is a sought after substrate for printing. A lot of digital UV Printing is carried out for various Graphic Arts applications on Glass. Glass is a smooth, non reactive, hard to etch surface and thus printing on glass is a big challenge. Printing on Glass without a receptive layer gives a poor adhesion and is not recommended. AP201G, which is a ready to use, easy to apply, quick drying and transparent as a film on the surface of the glass, the adhesion with UV/LED Digital Inks really improves. It is recommended that you apply AP201G, where you are not looking for Water resistance as the product does not give water resistance in case the printed glass is immersed in water.

AP201A is a Ready to Use product and can be applied onto the Glass surface using:

- a) Hand Spray Pump (Usually provided in the pack)
- b) Air Gun, connected to an air Compressor (apparatus used for painting)
- c) Roller Coater or
- d) Brush

Use of Product

To be applied on Glass surface (of varying thickness) before UV Digital/Inkjet Printing.

Application Note

- Ensure you follow all local rules and regulations, required to be followed, for use of this product.
- Please wear all protective gear as per applicable local rules, such as gloves, eye protection equipment etc.
- Take the provided Hand Spray Pump, open the bottle and place the pump in place of the bottle cap and screw the pump into position.
- Remove the nozzle cap of the pump.
- Check the pump is working by pumping on a piece of cloth and set the pressure and the nozzle opening to your desired level of spray.
- If required, clean the Glass surface on which you will print, with an alcohol swab/cloth to ensure there is no dust or moisture before you spray the product onto the surface. Allow Alcohol to evaporate before applying the product.
- Now, with keeping the nozzle spray about 10-15 inches from the sheet and the sheet in the vertical position, spray the product onto the surface of the acrylic sheet.
- Ensure the spray is in the form of a fine mist so that it covers the full sheet well.
- Ensure you do not overspray such that the product starts streaming down the surface. This will create problems in your printing.
- If required you can wipe off the excess spray (if any) with a tissue paper. Try to avoid creating lines while wiping.
- The product will air dry in about 2 hours or you can place it in an oven at around 60-70° C. for 30-45 minutes.
- Touch the coated surface to confirm, that it is dry. Once Dry, the sheet is ready to print.

Technical Data Sheet

Version. 4.01



Standard Product Packaging

Available in 1 liter ready to use, spray bottles, with spray pump shipped separately.

Shelf Life

12 months from date of manufacturing or 1 month from date of opening of the sealed bottle. The product should be kept in closed condition at all times. The pump needs to be cleaned after every use, using a cleaning liquid such as paint thinner is recommended or else the pump will get dried and blocked.

Storage Conditions

Product should be stored in original packaging in a cool/dry place between 10°C and 35°C (50-95°F) and relative humidity of 30 – 60% (non-condensating), away from direct sunlight and heat sources. Prevent freezing of this product.

Shipping and Handling

All personnel handling these products must wear gloves and eye protection as per local laws. After use, wash hands with soap and water. Should product come in contact with clothes, remove clothing to avoid prolonged skin exposure. Should product come in contact with skin, wipe off with a clean, dry absorbent cloth and wash area with soap and water. Dispose containers and product waste as per local and federal regulations. For additional safety data, please refer to SDS.

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All technical instructions about our products and their use, if spoken, written or through test trials are to the best of our knowledge. However, it should not be considered as an assurance for certain properties of products or their suitability for each application. It will be solely your responsibility for the selection and testing of the ink for specific applications.