

PRINTING RETARDER

PERMASET PRINTING RETARDER is designed to slow the drying of the Permaset product. This has benefits in that it retards the drying of the Permaset product on the screen, therefore no clogging of the screen occurs. Printing Retarder is also beneficial to printing in that it enables an easier release of the screen from the print during the printing process.

BENEFITS

Permaset Printing Retarder enables an easier way of printing in that it slows the drying of the product on the screen, therefore allowing a longer 'working' period and saving screens from clogging. Printing Retarder also benefits the user in that it allows an easier release of the screen from the print.

CURING

An addition of Printing Retarder will slow the drying time slightly when placing wet prints into oven or tunnel driers. In these instances it may be necessary to increase the time/temperature cycle in order to dry the print thoroughly. The extra amount of time required to dry the print will depend upon the amount of Printing Retarder added to the Permaset Print Paste or Permaset Fabric Printing Colour. Usually, adding an extra 10-20% to the time will suffice in drying (and curing) the wet print. Dry prints should need no extra time for curing the print, however, they will require extra time to become touch-dry.

ADDITIONS

Permaset Printing Retarder is normally added in amounts up to 3% (ie; up to 30ml per litre of Permaset) of the total volume of the product. Due to varying temperatures and conditions it is difficult to predict the actual amount of Printing Retarder required. Generally, the higher the temperature, the lower the humidity and the higher the air-flow of air in the printing environment, then the higher the amount of Printing Retarder required.

IMPORTANT

Prior to attempting any print run, experimentation with a test piece is recommended in order to test for adhesion, wash, dry-clean and rub resistance.