

HIGH - GLOSS EPOXY SERIES

TYPE OF INK: Two component (need catalyst) high - gloss and outstanding solvent ,chemical and abrasion resistance epoxy ink.

APPLICATION: In treated plastics (polyethylene , polypropylene) , metals , fenoilc ,melamine ceramic , epoxy and good adhesion over glass.

REDUCER: EPOXY REDUCER - D042, we recommend the addition of 10 % by weight.

RETARDER: RETARDER 162 - R062 , for printing small details or hot climate conditions, can be added 10 % by weight.

INK PREPARATION : The proportions are : 80 % of ink 20 % catalyst-H121- do not use out of this proportions. Shelf life of catalyzed ink is approximately 6-8 hours.

TOUCH DRYING : By solvent evaporation, these ink dry in 15 to 20 min, depending of the room temperature , humidity and quantity of reducer or retarder used.

CURING : After 72 hs adhesion testing can be made , total hardness after 7 days.All these times can be modify by adding temperatura to the process.

ADHESION TESTING: Cross hatch tape test : use a sharp kinfe to cut through the ink film only, Applay 3 M (600) clear tape on cut area, rub down and rip off. Ink should only come off from actual cut areas.

FLEXIBILITY: Good.

COVERAGE: Excelent, in all colours.

LIGHT FASTNESS: The pigments used in these inks, have been carefully selected for best outdoor resistance. The light fastness can be reducer by addition of clears or white.

OUTDOOR EXPOSURE: Excelent, in normal conditions these inks resist years.

PRINTING: Generally it's not necessary the addition of retarder to obtain small details, because these inks don't block the mesh because of their excelent dispersion and grinding.

CLEAN UP: Use CLEAN UP THINNER - D012 to reclaiming.

EMULSIONS: REPRO HD PLAST, SOLVEN PLAST HD, FOTO PLAST SDF, FOTO DUAL TS.