

PRODUCT GROUP 700

Series 750

Highly resistant Epoxy-Pad Printing Ink



Highly opaque, silky glossy pad printing ink, based on very resistant raw materials for printing onto various plastics and metals, glass as well as on Duroplasts.

An easy to use system in the technical-industrial field which meets the highest chemical and mechanical demands. The therein used basic raw materials have specifically been chosen for highest demands in respect to industrial printing and show the utmost chemical as well as excellent mechanical resistances. The Epoxy part in the basic ink allows a temporary limited outdoor use which lies in the lower up to the medium resistance level. The various possibilities of bonding by means of the individual hardeners (Series 700-HDI, Series 700-HDS) allow a wide application range with individual demands.

For glass printing, good results in respect to adhesion and resistances are achieved with hardener Series 700-GL; mixing ratio 20:1 up to max. 10:1 (pot life!); forced drying at approx. 140-160°C / 20-30 minutes.



SUBSTRATES

Glass	Duroplast	Polyamide	Polystyrene / ABS / SAN
Metals	Hard-Coatings	PMMA	HD-PE / PP, pre-treated



USE

Application	Printing of various plastics and metals as well as Duroplasts. Technical-Industrial field of applications
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PROPERTIES, PROCESSING, DRYING AND CLICHÉ

Cliché	processed
Drying / Curing	Jet- / Air drying, optionally oven drying (do not forget to add hardener! see below)
Further Processing	As per application



ADDITIVES

Accelerator	Series 700-017 (open) Series 700-019 (closed)	Addition Ratio	10-15 % by weight 10-15 % by weight
Thinner	Series 700-018	Addition Ratio	10-15 % by weight



VARIOUS

Delivery Conditions	1 kg / 5 kg / 25 kg
Other	Stir well before use Hardener Series 700-HDI / Series 700-HDS, Mixing ratio 4:1. The resulting pot time depends on the color shade, however, always > 8h



Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (03/2009)