

PRODUCT GROUP 600

Series 640

2-Component Screen Printing Ink



Highly opaque, glossy screen printing ink, based on very resistant basic raw materials for printing of various plastics, coatings and metals. Easy-to-use system in the technical/industrial field for high chemical and mechanical requirements and for a long term outdoor use.

Since the basic raw materials have especially been chosen for extraordinary requirements, possibilities of outdoor use as well as chemical- and weather resistance are a common fact and evidently (Series 600 HDA / Series 600 HDS, addition ratio 4:1 for outdoor use or Series 600 HDI, addition ratio 4 : 1 for indoor use).



SUBSTRATES

Soft- and rigid PVC	Coated Polyester	PET-G	Polyamide
Metals	Aluminum (raw, anodized, brushed)	Composites (Alucobond, Dibond, Vekaplan VL)	Polystyrene, ABS, SAN
Polycarbonate	PMMA (pre-testing)	Polyolefin, coated or pre-treated, coatings	Cellulose acetate, CAB



USE

Application	Plastics in the field of advertisement and acquisition as well as technical applications in the industrial printing area (fittings, dials [watches], pharmaceutical items, stand-constructions for fairs, traffic areas, a. s. o.)
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	77-55 Y PW PET 1000 up to 120-34 Y PW PET 1000
Drying / Curing	Jet / air, optional oven-drying (do not forget to add hardener, see below)
Further Processing	Punching, cutting



ADDITIVES

Thinner	Series 600-017	Addition Ratio	10 - 15% by weight
Retarder	Series 600-018 Series 600-HDA	Addition Ratio	10 - 15% by weight 25 % by weight



VARIOUS

Delivery Conditions	1kg / 5kg / 25 kg
Other	Hardener Series 600 HDI (indoor use), addition ratio : 25% by weight Hardener Series 600 HDA / 600 HDS (outdoor use), addition ratio : 25% by weight The resulting pot-life is depending to the color shade, however, always >8h



Precautionary measures

Read material safety data sheet prior to processing. The material safety data sheets according to OSHA form contain indication of hazardous ingredients, TLV-level and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to processing as described in this technical leaflet. The statements in our leaflets have been made to the best of our knowledge and are given without any obligation. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the printing job. In case of any doubts please contact our technical advisors. The application, use and processing of the products delivered by us are beyond our control. This is subject to your responsibility and there is no liability or guarantee on our part. In case of justified complaints the manufacturer can only be made liable for the countervalue of the used ink system. Addition of not mentioned products or competitors products are on your own risk and releases Printcolor Screen Ltd. of any later demands, especially in cases of damage and loss caused by alien products. All former leaflets are no longer valid. (03/2009)