



PRODUCT GROUP 140

Series 140-00/ME

„Back-Print“ White for Mirror Inks



A special solvent based ink, established on low aggressive basic raw materials for “back-printing” of the mirror inks of Series 140-ME100/05 or Series 140-3102/100. By using this method of back-printing, a protection of the mirror ink against mechanical stress is guaranteed and at the same time, opacity is also increased. The unique formula of Series 140-00/ME with its mild ingredients allows printing of the mirror silver ink without negatively influencing (clouding) the mirror effect. For best adhesion results of the “back-printing-ink” on the mirror silver, we would recommend use of hardener, Series 600-HDA or Series 600-HDS (addition ratio of 10:1 = 10 % by weight). To eliminate pot time (resulting from addition of the hardener) a special adhesive agent, Series 600 GL could be used (addition ratio 5 % by weight). For setting of the printing viscosity, thinner of Series 140-017/ME (specially designed for this “back-printing” ink for mirror silver) must be used; otherwise, the mirror effect will negatively be influenced by the solvents. “Back-printing” layers which have been applied this way do absolutely and without any problems fulfill the requirements in regards to adhesion- (cross cut GT 0) and “Tesa”-tests. Besides the white “back-printing” ink, Printcolor also offers a variety in black (Series 140-33/ME). Also the black version does have to be applied according to the same parameters as the white version.



SUBSTRATES

Series 140-3102/100

Series 140-ME100/05



USE

Application “Back-printing” of mirror inks



PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	77-55 Y PW up to 120-34 Y PW PET 1000
Drying / Curing	Air or oven drying
Further Processing	-



ADDITIVES

Thinner	Series 140-017/ME	Addition Ratio	5-10 % by weight
Retarder	Press-ready	Addition Ratio	-



VARIOUS

Delivery Conditions	1 kg / 5 kg / 25 kg
Other	Stir well before use Series 600-HDA (10:1) or Series 600-GL (20:1)



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. (07/2009)