

Series 140-6123-05

2C Screen Printing Varnish for Metals and Plastics, antimicrobial

Series 140-6123-05 is a highly transparent 2C screen printing varnish based on very resistant raw materials for the coating of metals and plastics. The varnish has an antimicrobial mechanism which inhibits enzyme activity and the multiplication of microbes in the presence of moisture or humidity. The active agent released on the coated surface eradicates over 99.99 per cent of germs, with a germ reduction value of > 3 log levels tested according to JIS Z 2801-2010 NORM. Typical areas of application are in the automotive sector as well as in beverage crate decoration and high-quality technical applications.

Specifications

Thinner	Series 600-017
Addition ratio	10–20 % by weight
Retarder	Series 600-018
Addition ratio	5–15 % by weight
Hardener	Series 600-HDA
Addition ratio	4:1
Cleaner	See Technical Data Sheet of Series 640 (www.printcolor.ch/tds)
Mesh	See Technical Data Sheet of Series 640 (www.printcolor.ch/tds)
Drying	See Technical Data Sheet of Series 640 (www.printcolor.ch/tds)
Substrates	See Technical Data Sheet of Series 640 (www.printcolor.ch/tds)
Indoor / outdoor use	Long-term outdoor use
Further processing	See Technical Data Sheet of Series 640 (www.printcolor.ch/tds)
Overprintability	-
Available quantities	1 kg, 5 kg, 25 kg
Shelf life	24 months
Others	Stir well before use. The antimicrobial surface provides additional protection for general hygiene but does not replace regular cleaning with a disinfectant.

Important information: Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence. (T12 / V1 / 01/2021)