



NoriPlan®

Opaque Ink System for the Decoration of Tarpaulins

Area of Application and General Characteristics

Flexible one-component ink system for the decoration of truck tarpaulins/awnings and advertising banners with excellent weather resistance.

NoriPlan® can be rolled, painted, sprayed and screen printed. The colors are of good opacity.

Finish

Glossy

RAL-Color Shades

1016 Sulfur Yellow	5002 Ultramarine Blue	6016 Turquoise Green	942 White
1021 Rape Yellow	5005 Signal Blue	6018 Yellow Green	9005 Jet Black
2004 Pure Orange	5010 Gentian Blue	6026 Opal Green	9006 White Aluminum
3000 Flame Red	5015 Sky Blue	6029 Mint Green	862 Rich Pale Gold
3002 Carmine Red	5017 Traffic Blue	7004 Signal Gray	
3020 Traffic Red	6005 Moss Green	7015 Slate Gray	

The available colors were matched by screen printing on white substrates using a screen fabric 77-55 threads/cm (195-55 threads/inch). Other application methods will provide varying ink film thicknesses and therefore slight color variations are possible.

Thinning

Rolling and Painting	Thinner M 205: Addition: approx. 25 – 30 %
Spraying	Thinner F 002: Addition: approx. 120 % This corresponds to a flow time out of a DIN-4-cup of approx. 16 – 18 sec.
Printing	Thinner M 204 Thinner M 203 Addition: approx. 20 %

Mesh

In order to achieve high opacity, fabrics of 40 to 81 threads/cm (100 to 200 threads/inch) are recommended. All usual screen printing fabrics are suitable.

Stencil

Solvent-resistant emulsions must be used. Excellent results during long production runs are achieved by using Pröll emulsion Norikop 10 HQ.

Drying

Drying can be accelerated by blowing warm air onto the applied ink.

Cleaning of Screens and Utensils

UNICLEANER FP 61 and UNI-REIN A III

Shelf Life

The shelf life stated on the label assures the ink's quality and refers to unopened original cans stored in a dry place at temperatures between 5 °C (40 °F) and 25 °C (75 °F).

Important

Allow the ink as well as all the auxiliaries to be added to adjust to room temperature in the closed container before use.

Results, to a large extent, depend on the substrate as well as the printing and application conditions. We recommend checking your substrate under your conditions of use prior to any production runs. Materials that are supposed to be identical may vary from manufacturer to manufacturer and even from batch to batch. Some substrates may have been treated with or can contain sliding agents, antistatics or other additives which will impair the adhesion of the inks.

In general please refer to our technical leaflet "General Information on Screen Printing Inks" which may be downloaded from our website www.proell.de, click Downloads ⇒ Solvent-Based Screen Printing Inks.

The information contained in the technical information/instruction sheets or other product information sheets is based on product testing conducted by Pröll. Because printing and environmental factors critically affect each individual ink application, the above mentioned information and instructions represent only general recommendations concerning product characteristics and directions for use and should not be construed as representing express warranties regarding the product. The information and instructions in no way release the purchaser from his obligation to verify and test the inks and their application for the specific request, regarding: product characteristics, weather resistance, mixing proportions, gloss, thinning, special mixtures, printability, drying speed, cleaning, effects on or of other materials to be contacted and safety precautions. All details contained in the instruction sheet "General Information on Screen Printing Inks" are to be considered. The further manufacture and use of products containing our inks by the purchaser takes place beyond our control, and the responsibility for further application and use of our product resides solely with the purchaser. Pröll disclaims any warranties, express or implied.

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