



SCREEN PRINTING

SOLVENT INK

URETHAL

Two components polyurethane ink suitable for printing on ABS, flexible or rigid PVC, self-adhesives, laminated compressed wood, treated polyethylene, treated polypropylene, coated glass.

Use

The **URETHAL** inks are mixed with URETHAL hardener in a ratio of 100 to 15 by weight, apart from WHITE which has a ratio of 100 to 10.

The pot life of the mixture is more than 8 hours at 20°C. Higher temperatures reduce the pot life and the time of use.

The final performance is obtained after at least 72 h drying.

The **URETHAL** inks are miscible together.

Specifications

- | | | | |
|-----------------------|--|-----------------------|--|
| ➤ Appearance: | glossy | ➤ Weather resistance: | excellent |
| ➤ Average density: | 1,10 | ➤ Light fastness: | excellent |
| ➤ Viscosity: | 8 ± 2 Pa.s | ➤ Solvents: | |
| ➤ Drying: | | • thinner et brosse | 4904 ou 4905 |
| • ambient air | | • retarder | 4960 or 9640 |
| can be handled | after 75 min. can be stacked after 12 hours complete polymerisation after 72 hours | • gun | XC 876 |
| • IR tunnel | preliminary tests | ➤ Cleaning solvents: | |
| ➤ Coverage rate: | 43 m²/kg with a 100 - 40 mesh | • manual | 2881, 2891, NS-81, NS-91, NS-99 and NS-100 |
| ➤ Special resistance: | excellent to chemical products | • washer | 2881, NS-81, NS-91, NS-99 and NS-100 |
| | | ➤ Expiry: | refer to the label |
| | | ➤ Special property: | thermoformable |

Storage and toxicology

The **URETHAL** inks comply with EN 71-3 standard.

STANDARD COLOURS		Ref. 1 kg
COLORIFLEX SYSTEM		
	White*	3572011
	Lemon*	3572021
	Gold yellow*	3572023
	Orange*	3572031
	Scarlet*	3572007
	Cherry red*	3572043
	Cyclamen*	3572051
	Purple / Violet*	3572053
	Blue*	3572061
	Royal blue*	3572063
	Emerald green*	3572071
	Black*	3572081

Non contractual colours and pictures

On simple request, we can propose you a color panel card displaying accurate shades.



STANDARD COLOURS		Ref. 1 kg
4-COLOURS PROCESS THIXO		
	Thixo 4-colours yellow	3572050
	Thixo 4-colours magenta	3572052
	Thixo 4-colours cyan	3572054
	Thixo 4-colours black	3572056
BASES		
	Thixo 4-colours base	3572057
	Overprint varnish and thinner base*	3572091
	Matting base	3572090
ADDITIVES		
	Adherence agent, 25 g dose**	3320289
	Urethal catalyst, 150 g dose	3570803
	Urethal catalyst, 1 kg bottle	3572003

* Adherence agent, ref 3320289 : Serious eye damage, Category 1

Pantone® colour matching

All the marked inks with an asterisk *, can be colour matched according to the Pantone® colour guide through the online Colour Matching System developed by Tiflex.



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