

SERIE

NITOR UL



NITOR UL SERIE

		Dry content (%)	Density (Kg/L @20°C)	Light fastness*	SOLUBILITY**				
					Water	MEK	PM	Ethanol	Toluene
Yellow UL - Y		35 +/-3	1,20	6-7	high	good	good	low	good
Red UL - H		35 +/-3	1,10	6	high	good	good	low	good
Blue UL - T		35 +/-3	1,14	8	high	good	good	low	good
Green UL - B		35 +/-3	1,05	8	high	good	good	low	good
Black UL - K		30 +/-3	1,04	8	high	good	good	low	good

* 1-8 Blue wool scale

** 3% w/w standard dilution

Nitor UL colourants are pigment-based dispersions especially developed for multipurpose application. Thanks to their particular formulation, they are compatible with all kind of media from aqueous to solvent or polymer based and perfectly miscible among each other. During the application, the micro dispersion of the pigment inside the formulation guarantees an high colour strength and brilliancy together with a good fluidity.

Nitor UL range have been especially developed for are wood staining, but can be also used for leather finishing, polyurethane dyeing, wall painting and surface coloration of a wide range of substrates.

Application recommendations

Suggested product dilution is around 1-3% thanks to their high micro dispersion. Lowering the concentration below 1% permits to increase the transparency of the pigment with the peculiar effect of evidencing the application base, advised in case of wood grains or specific overcoats. The desired shade can be obtained by mixing the five base tones in all the proportions.

The stability of **Nitor UL** products has been tested in the major application solvents as water, alcohol, polyurethane, methyl ethyl ketone and methoxy propanol.

The most used techniques are spray and roller systems, both manual and automatic ones. In both cases, dilution is suggested to obtain a better distribution of the product with a number of overtone crossed application up to reaching the desired shade intensity. Overcoating with solvent or water based transparent finishing is also highly recommended to fix the pigment over wood.

Moreover, **Nitor UL** can be applied directly in the desired matrix, i.e. for polyurethane, even at higher product concentration.

Spray Application

When **Nitor UL** is applied in a spray tinting system, a dilution from 1:5 to 1:20 is suggested (depending on depth of shade). In order to reduce drying time, when necessary, the addition of 10-30% of acetone or alcohol is also possible.

Roller Application

For the usage of **Nitor UL** in a roller tinting system, a lower dilution is requested, usually 1:1 or 1:2 in case of paler shades.

Bulk Application

The application of **Nitor UL** in bulk systems and the product concentration should be checked depending on the stability and compatibility in the specific matrix case by case and the desired depth of shade.

Drying times

Spray system: 2-3 hours at room temperature.

Roller system: 30 - 60" with IR radiations or hot air (40° - 50°C).

Other data

Expiry date: 9 months at room temperature.

Packaging: 25 kg plastic tanks. Other packaging available on request.

All information is based on the current state of our knowledge and on the results of our tests, but they are given without guarantee. The Buyer remains responsible for verifying that the products are suitable for his intended process or purpose. Tests before the industrial use of the product are recommended.



COLORANTI, PIGMENTI E PRODOTTI CHIMICI PER L'INDUSTRIA
INDUSTRIAL DYES, PIGMENTS AND CHEMICAL PRODUCTS

Cromatos s.r.l.

Via G. Cardano, 6B/C/D | 47122 Forlì (FC) Italy | T +39 0543 796191 | F +39 0543 796189
info@cromatos.com | www.cromatos.com