

Multiplus

Visual Communication, Point of Purchase, Display

APPLICATIONS

Paper, paperboard, rigid PVC, polystyrenes, polycarbonates, etc...

SUBSTRATES

- Papers
- Cards
- Rigid PVC
- Polystyrenes
- Polycarbonates

BENEFITS

- Ready to use
- Low residual odour
- Adhesion on a lot of different substrates which make Multiplus a reliable multipurpose ink

INK ADHESION

It is possible to print this ink on Corona treated PP and PE sheets by adding, if necessary, 3 to 5% ST305 hardener. Because of the large diversity of substrates, it is recommended to carry out pre-production trials.

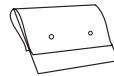
ASPECT

Satin/Glossy finish



SCREEN MESH

The recommended mesh is 140 to 180 threads/cm. (355 threads to 420 threads per inch).



SQUEEGEES

Single, double or triple durometer polyurethane blades with hardness between 65 and 75 shores.



DRYING/CURING

UV curing ink. Optimal cure performance of 150 and 250 mJ/cm² is generally achieved with a UV curing unit of one or two 120 W/cm lamps at belt speed of 10 to 20 m/min (32 to 65 feet/min).



CLEANING

Solvents ECO N, 93801

THINNING

ST178: 1 to 5%

PRINTING EQUIPMENT

Semi-automatic or automatic printers

PACKING

1 kg & 5 kg





STORAGE

The MULTIPLUS ink series are guaranteed to be stable in their original, unopened packaging; they have a shelf life of 24 months. Storage should be at a temperature between 15 and 25 °C (59-77 °F)

COLOUR MATCHING

DUBUIT offers a full in-house colour matching service from 1 kg. Please provide as much information as possible regarding the type of substrate, colour, mesh used...

MULTIFLEX PIGMENT CONCENTRATES

It is possible to enhance the power of colours by adding the Multiflex pigment concentrates. Be aware, however, that the addition of an excessive amount of pigment concentrates may affect the polymerization; please do not use concentrates alone.

FLUORESCENT SHADES

They have to be used on white background. The pot life of these inks is about three months from the date shown on the packaging. The light resistance is limited in time, especially in outdoor exposure.

ADDITIVES AND SPECIAL PRODUCTS

Do not forget that additives must not be incorporated systematically in the inks, but must be used with caution as their dosage and their field of use can often present risks. The special products we deliver are of consistent quality. Encres DUBUIT cannot guarantee the work using these products. Indeed, they cannot influence neither the working methods nor the operating parameters.

HEALTH AND SAFETY

The vast majority of printing inks and related products formulated by Encres DUBUIT contain no substances of very high concern. Our products comply with the requirements of Directives 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3) and 94/62/EC (heavy metal concentration levels present in packaging). For more information about our regulatory compliance, please consult our Eco System document, available on request.

EVALUATION OF LIGHT FASTNESS

The safest method of evaluation involves exposing the printed media in its actual atmosphere: the disadvantage of this method is the duration that must be equal to the desired time. The accelerated method allows to test the printed media in a specific device. In comparing the evolution of printing relative to standard stallions, we can deduct the strength indices (according to standard NFT 30-057):

1 = very poor - 2 = poor - 3 = moderate
4 = pretty good - 5 = good - 6 = very good
7 = excellent - 8 = outstanding.

Light fastness is the maintenance over time of the colour and intensity of a print. Not to be confused with the weather resistance or other factors than light which can decrease printing durability: moisture, air pollution, substrate, heat, cold, etc... Light Fastness depends on the nature of the light (day or artificial light) and on light intensity (climate, season...). The strength of a print can vary with the thickness of ink deposit (the thinner the ink thickness, the weaker the light resistance) and the nature of the substrate. The strength of an ink depends on the components used (some binders or pigments are more resistant than others to light) and the percentage of dye or of the quantity of white pigment in the ink. Thus we should now that:
Low intensity = loss of resistance.
Pastels Tons = loss of strength.



MULTIPLUS RANGE SOLID COLOURS - 700 RANGE

ARTICLE DESIGNATION	REF.	CODE 1 KG - 1 L	CODE 5 KG - 5 L
Mid Yellow	710		BMUL710C
Golden Yellow	720		BMUL720C
Mandarin	730		BMUL730C
Vermillion	740		BMUL740C
Dark Red	750		BMUL750C
Pink	760		BMUL760C
Violet	770		BMUL770C
Primary Blue	780		BMUL780C
Emerald Green	790		BMUL790C
BLACK, WHITE, BASE & VARNISH			
Mixing Black	701		BMUL701C
Mixing White	702		BMUL702C
Opaque Black	703		BMUL703C
Super Opaque White	706 2018		BMUL706C
Opacity	12447	BMUL080K	
Base	095		BMUL095C
Vernis	090		BMUL090C
Vernis Pour Poudres	091		BMUL091C
PROCESS COLOURS			
Cold Yellow 6/7L	430		BMUL430C
Warm Yellow 5/6L	440		BMUL440C
Magenta 7/8L	420		BMUL420C
Cyan	450		BMUL450C
Black	410		BMUL410C
Thixo Base	098		BMUL098C
LIGHT FASTNESS SOLID COLOURS - 900 RANGE			
Yellow	931	BMUL931K	
Orange	933	BMUL933K	
Red	935	BMUL935K	
Dark Red	939	BMUL939K	
ADDITIVES			
Standard Thinner	ST178	D178L	D178Q
Hardener	ST305	BDIV305K	

Encres DUBUIT garantit la qualité de ses produits. Cependant, nous ne pouvons pas garantir le résultat final, car nous n'exerçons aucun contrôle sur les procédures d'exploitation individuelles. Notre responsabilité se limite uniquement à l'échange d'encre ou de vernis. La qualité d'un substrat à imprimer peut varier. Par conséquent, les informations ci-dessus sont données de bonne foi sur la base de l'état de notre art et de l'expérience antérieure. Cette constatation vaut aussi pour notre assistance technique. Lors de l'utilisation de nos encres et vernis sur un nouveau substrat ou lors du changement des procédures d'exploitation, nous recommandons fortement de tester d'abord une production à grande échelle pour s'assurer de la compatibilité de l'encre. Veuillez-vous référer à nos Conditions Générales de Ventes.