Zeller+Gmelin
Mineralöle · Druckfarben · Chemie

UVALUX® U41 Mixing List

Mixing Recommendations for PANTONE® Metallic Base Colours 871C - 877C

Practice Remarks

PANTONE® 871C Gold
80,0% U41-X60871 Varnish
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 872C Gold
82,0% U41-X60872 Varnish
18,0% U0084 Silver Paste (non low-migration)

PANTONE® 873C Gold
83,0% U41-X60873 Varnish
17,0% U0084 Silver Paste (non low-migration)

PANTONE® 874C Gold
84,0% U41-X60874 Varnish
16,0% U0084 Silver Paste (non low-migration)

PANTONE® 875C Gold
83,0% U41-X60875 Varnish
17,0% U0084 Silver Paste (non low-migration)

PANTONE® 876C Gold
83,0% U41-X60876 Varnish
17,0% U0084 Silver Paste (non low-migration)

PANTONE® 877C Silver
80,0% U41-X60877 Varnish
20,0% U0084 Silver Paste (non low-migration)

U0084 not low-migration
The Silver paste U0084 cannot be designated as low-migration due to the classification of one of its raw materials which is absolutely necessary for its production. However depending on application and barrier properties of the substrate it is still possible to produce conforming food packaging with it. Generally we recommend that the user sends his finished products to a recognized analytical institute for examination and certification. That way he can prove that his products comply with the

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This edition 04/2017-UVALUX U41 Mischliste Pantone Metallic-6 dated April 12, 2017
replaces the previous edition dated January 27, 2014.
With the present edition expires the validity of all older editions.

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legal requirements.

Approximation Formulations
The specifications above are approximation formulations. It may be necessary to adjust them to your practical conditions. We mixed the recipes under the following conditions:
Ink Lay-Down: 1,5 g/m^2
Substrate: Consort Royal

Stability
The stability of mixtures of metallic pastes with radiation-curing inks is very limited. Early polymerisation may occur. Therefore please mix only the required quantity immediately before beginning to print. Due to their comparatively high weight metal pigments have a tendency to settling. Therefore metallic inks should always be stirred up thoroughly but carefully with as low shear as possible.

Preliminary Tests Recommended
Before beginning to print we recommend practice oriented pretests on your substrate, in order to test the desired characteristics of the finished product. Please ask also for the complete technical information for the ink series mentioned in this document.

Kindly note that we are ready at any time for competent technical application support on your site. Please contact our technical service centre for printing inks:

Ink-Service@Zeller-Gmelin.de
Tel: +49 7161 802-279

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