



## ESALUX E4 Mixing List

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

### Practice Remarks

#### **PANTONE® 871C Gold**

80,0% E4-X60871 Varnish  
20,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 872C Gold**

82,0% E4-X60872 Varnish  
18,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 873C Gold**

83,0% E4-X60873 Varnish  
17,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 874C Gold**

84,0% E4-X60874 Varnish  
16,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 875C Gold**

83,0% E4-X60875 Varnish  
17,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 876C Gold**

83,0% E4-X60876 Varnish  
17,0% U0084 Silver Paste (non low-migration)

#### **PANTONE® 877C Silver**

80,0% E4-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

ESALUX E4 Mischliste Pantone Metallic

04/2017-ESALUX E4 Mischliste Pantone Metallic-5

The statements made in this publication are according to our current knowledge. They do not absolve the user from his own responsibility to ascertain that our products are suitable for his process. They are intended to inform and advise and are subject to influence from the technical process.

This edition 04/2017-ESALUX E4 Mischliste Pantone Metallic-5 dated April 12, 2017 replaces the previous edition dated January 27, 2014.

With the present edition expires the validity of all older editions.

ZG Division: Printing inks  
Zeller+Gmelin GmbH & Co. KG  
Schlossstr. 20, 73054 Eisingen/Fils, Germany  
Tel. +49 7161 802-0 - Fax +49 7161 802-200  
www.zeller-gmelin.de - druckfarben@zeller-gmelin.de

Page 1 of 2





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<sup>2</sup>

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

ESALUX E4 Mischliste Pantone Metallic

04/2017-ESALUX E4 Mischliste Pantone Metallic-5

The statements made in this publication are according to our current knowledge. They do not absolve the user from his own responsibility to ascertain that our products are suitable for his process. They are intended to inform and advise and are subject to influence from the technical process.

This edition 04/2017-ESALUX E4 Mischliste Pantone Metallic-5 dated April 12, 2017 replaces the previous edition dated January 27, 2014.

With the present edition expires the validity of all older editions.

ZG Division: Printing inks

Zeller+Gmelin GmbH & Co. KG

Schlossstr. 20, 73054 Eisingen/Fils, Germany

Tel. +49 7161 802-0 - Fax +49 7161 802-200

www.zeller-gmelin.de - druckfarben@zeller-gmelin.de

Page 2 of 2

