

INTRODUCTION

Zytrol 600 is an RSL compliant, formaldehyde-free self-crosslinking acrylic co-polymer binder which provides superior feel, very good fastness and color value.

CERTIFICATION

- GOTS
- RSL compliant

FEATURES

- Brilliant print, high colour yield
- Exceptional wash and rub fastness

CHEMICAL PROPERTIES

FORM	
Appearance	Milky White
pH	8 - 9
Solid Content	40 ± 1 %
Nature	Self cross linking acrylic co-polymer
Ionic Nature	Anionic

APPLICATION PROPERTIES

ZYTROL 600 can be used in all pigment printing processes such as flatbed ,Rotary screen and Table Printing on cellulosic and synthetic fabrics and blends, e.g. PES/CEL fabrics.

Guideline Recipe for Base Paste

BASE PASTE MAKING	
Water	50% of total quantity
Binder (ZYTROL 600)	5% (Base Paste for up to 0.5% shades)
R 77	0.50%
R 66	1%
Thickener (Zycoprint series)	1-2 % add till you get 30-40 K CP viscosity
Water	X % of Balance Quantity
Thickner (Zycoprint Series)	0.5 to 1.5% simultaneously with water addition during Stirring. Viscosity target is 50-60 K
R 88	1% and stir for 5 min additionally

It is recommended to ensure that the pH of the paste is about 8 - 8.5 by Adding Liq. Ammonia as needed. Add urea if open time has to be improved.

Note : Above 0.5% to 5 % Shade depth : Maintain Binder Ratio(1 pigment : 4 Binder) in Base paste. Add additional binder as needed in stock paste and then add pigment and filter.

Note : Recommended Thickener Addition in 2 part helps for better paste performance and viscosity management.

PRINTING PASTE	
Stock Paste	1000 to 950 Gms
Pigment	0 to 50 Gms
Total	1000 Gms

Print -----> Dry -----> Cure

Curing Method: Cure with hot air during 5min at 150° C Temp. For PC one can go for 6 min curing time

STORAGE & SHELF LIFE

- Do not store under direct sunlight or at a temperature exceeding 40°C
- Always keep the lid closed after the material is withdrawn from container
- Minimum shelf life of the product is 6 months (under ideal storage conditions)

DISCLAIMER:

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored. Handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.

INTRODUCTION

Zytrol 700 is a self-crosslinking acrylic co-polymer binder which provides superior feel, excellent fastness and color value.

CERTIFICATION

- GOTS
- RSL compliant

FEATURES

- Brilliant print, high colour yield
- Exceptional wash and rub fastness

CHEMICAL PROPERTIES

FORM	
Appearance	Milky White
pH	8 - 9
Solid Content	40 ± 1 %
Nature	Self cross linking acrylic co-polymer
Ionic Nature	Anionic

APPLICATION PROPERTIES

ZYTROL 700 can be used in all pigment printing processes such as flatbed ,Rotary screen and Table Printing on cellulosic and synthetic fabrics and blends, e.g. PES/CEL fabrics.

Guideline Recipe for Base Paste

BASE PASTE MAKING	
Water	50% of total quantity
Binder (ZYTROL 700)	5% (Base Paste for up to 0.5% shades)
R 77	0.50%
R 66	1%
Thickener (Zycoprint series)	1-2 % add till you get 30-40 K CP viscosity
Water	X % of Balance Quantity
Thickner (Zycoprint Series)	0.5 to 1.5% simultaneously with water addition during Stirring. Viscosity target is 50-60 K
R 88	1% and stir for 5 min additionally

It is recommended to ensure that the pH of the paste is about 8 - 8.5 by Adding Liq. Ammonia as needed. Add urea if open time has to be improved.

Note : Above 0.5% to 5 % Shade depth : Maintain Binder Ratio(1 pigment : 4 Binder) in Base paste. Add additional binder as needed in stock paste and then add pigment and filter.

Note : Recommended Thickener Addition in 2 part helps for better paste performance and viscosity management.

PRINTING PASTE	
Stock Paste	1000 to 950 Gms
Pigment	0 to 50 Gms
Total	1000 Gms

Print -----> Dry -----> Cure

Curing Method: Cure with hot air during 5min at 150° C Temp. For PC one can go for 6 min curing time

STORAGE & SHELF LIFE

- Do not store under direct sunlight or at a temperature exceeding 40°C
- Always keep the lid closed after the material is withdrawn from container
- Minimum shelf life of the product is 6 months (under ideal storage conditions)

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INTRODUCTION

Zytrol 800 is the latest edition in our eco-friendly binder series, specially designed for feel less/ extreme smooth prints giving superior fastness and color value.

CERTIFICATION

- GOTS
- RSL compliant

FEATURES

- Brilliant print, high colour yield
- Exceptional wash and rub fastness
- Very soft and smooth handle

CHEMICAL PROPERTIES

FORM	
Appearance	Milky White
pH	8 - 9
Solid Content	28 ± 1 %
Nature	Self cross linking acrylic co-polymer
Ionic Nature	Anionic

APPLICATION PROPERTIES

ZYTROL 800 can be used in all pigment printing processes such as flatbed, Rotary screen and Table Printing on cellulosic and synthetic fabrics and blends, e.g. PES/CEL fabrics.

Guideline Recipe for Base Paste

BASE PASTE MAKING	
Water	50% of total quantity
Binder (ZYTROL 800)	5% (Base Paste for up to 0.5% shades)
R 77	0.50%
R 66	1%
Thickener (Zycoprint series)	1-2 % add till you get 30-40 K CP viscosity
Water	X % of Balance Quantity
Thickner (Zycoprint Series)	0.5 to 1.5% simultaneously with water addition during Stirring. Viscosity target is 50-60 K
R 88	1% and stir for 5 min additionally

It is recommended to ensure that the pH of the paste is about 8 - 8.5 by Adding Liq. Ammonia as needed. Add urea if open time has to be improved.

Note : Above 0.5% to 5 % Shade depth : Maintain Binder Ratio(1 pigment : 4 Binder) in Base paste. Add additional binder as needed in stock paste and then add pigment and filter.

Note : Recommended Thickener Addition in 2 part helps for better paste performance and viscosity management.

PRINTING PASTE	
Stock Paste	1000 to 950 Gms
Pigment	0 to 50 Gms
Total	1000 Gms

Print -----> Dry -----> Cure

Curing Method: Cure with hot air during 5min at 150° C Temp. For PC one can go for 6 min curing time

STORAGE & SHELF LIFE

- Do not store under direct sunlight or at a temperature exceeding 40°C
- Always keep the lid closed after the material is withdrawn from container
- Minimum shelf life of the product is 6 months (under ideal storage conditions)

DISCLAIMER:

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