

R – 66 (Brightening cum levelling Agent)

PRODUCT CHARACTERISTICS

R-66 is a new polymeric product designed with latest organic and physical chemistry which **makes the stock paste creamy and smooth resulting in to better printability in blotches specially in sensitive colours. It also soften the binder thickener Paste and give soft & brilliant look. It is an Part of EPRICON Package to get look like Reactive.**

FEATURES

- Polymeric structure
- Improving compatibility** of thickener/binder
- Micro air bubble free paste**
- Excellent Flow**
- Improves **Pigment Stability**

BENEFITS

- Compatibility** : Compatible with most of binders and thickeners.
- Fastness** : Doesn't affect the wet/dry rubbing fastness of the fabric.
- Brilliancy & Feel** : Better feel with improved brilliancy closer to Solvent based pigment printing/**Reactive printing** better than the conventional products.
- Levelling** : Improvement in Levelling properties in tertiary shades.
- Solidity** : Better evenness/ solidity of the blotch Print. This is particularly seen when black or blue are used in the combination with other colours).
- Colour Value** : Improved Colour Value (10-15%)
- Production** : Higher mesh screen can be used resulting into higher meterage, reducing printing cost by 10 to 15% & improving look of the fabric.

SPECIFICATIONS

- Colour** : Pale Yellow brownish liquid
- Diluent** : Water
- pH** : 6.5 – 7.5
- Active Content** : 100%

PASTE PREPARATION

- Zytrol 500/ Zytrol 600** : 10% (or as required)
- R-66** : 0.5 to 0.7%
- Water** : Rest
- Zycoprint** : 3% to 4%(to prepare the paste of desired viscosity)
- R-55** : 2% (If required)
- 100%**

SOP – PIGMENT PASTE MAKING WITH R-66

Step 1: Approx. 50% Water + 10% Binder + 1% R-66 – Stirring Time – 1 Min.

Step 2: 50% Zycoprint – Stirring Time 2 min.

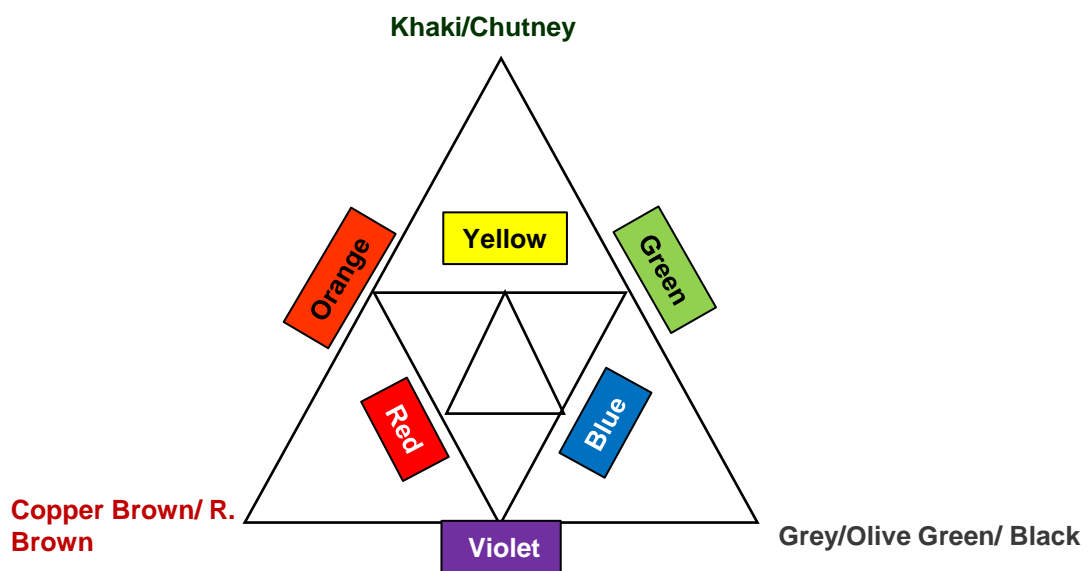
Step 3: Balance Water & 50% Zycoprint (Slowly from 1 Side) – Stirring time 3 min.

Step 4 : Add Pigment Emulsion as per shade requirement – Stirring Time 2 min.

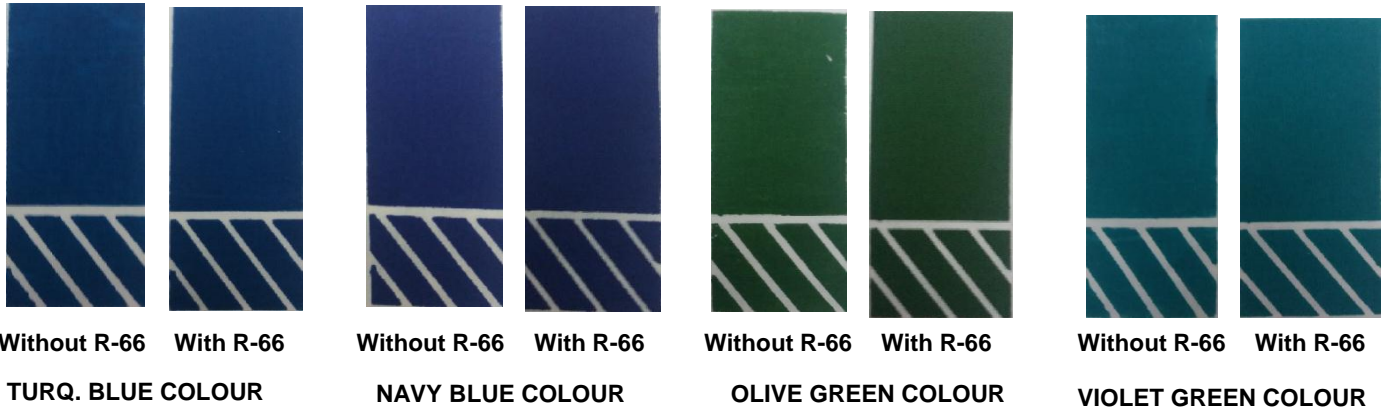
Note : R-66 Must be added before addition of Zycoprint (Thickener)

- ✚ The best performance is seen with combination of Zytrol 500/ Zytrol 600 along with Zycoprint (thickener).
- ✚ One can additional R-55 which is designed to improve the feel of the print (specially for knits. It makes zero feel fabric.)
- ✚ R-55 can be added either before or after addition of Zycoprint (this is not required when using R-66)

PRIMARY, SECONDARY & TERTIARY COLOUR



RESULTS WITH & WITHOUT R-66



R-66 recommended to use in below colours **to get levelness, brightness & smooth feel**

- ✚ Blues (Navy Blue, Royal Blue & Turq. Blue)
- ✚ Tertiary Colours

PACKING

- 30 kg.
- 16 kg.

STORAGE & SHELF LIFE

- Do not store in direct sun or at a temperature higher than 50°C.
- Always keep the cap closed after each withdrawal of the material from the carboy.
- Shelf life is about 6 months

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.