

# ITOGLOW IN THE DARK PASTE



ITOGLOW IN THE DARK PASTES are a range of ready to use print phosphorescent printing paste for glow in the dark effects.

## APPLICATION

ITOGLOW is applied in the same way as standard water based pigments print pastes followed by curing at 150°C for 3 minutes

### In Printing:

- **ITOGLOW PRINT PASTE** : 100 parts
- **Drying** : 100°C for 1 minute
- **Curing** : 150°C for 1-3 minutes

N.B. If a weaker effect is required it is possible to mix the ITOGLOW PRINT PASTE with an appropriate print binder such as ITOBINDER AG at a ratio that gives the desired glow in the dark effect. In this case it may be necessary to add an appropriate thickener to achieve the correct paste viscosity to enable printing

### In Printing (Example):

- **ITOGLOW PRINT PASTE** : 10-100 parts
- **ITOBINDER AG** : 0- 90 parts
- **Print Thickener** : 1-5 parts
- **Drying** : 100°C for 1 minute
- **Curing** : 150°C for 1-3 minutes

### Typical Light Fastness value:

Colour	Typical Light Fastness
Neutral	5-6
Orange	3-4
Blue	5-6
Red	3-4
Pink	3-4
Yellow	5-6

## PROPERTIES

- **Appearance** : Coloured Paste
- **Particle Size** : 60% < 40 micron  
39% > 40 < 125 micron  
1% > 125 micron

## CHARACTERISTICS

1. Can be applied by either rotary or flatbed printing
2. Mesh screen should be selected based on the above particle size, 3 times the maximum particle size is recommended
3. Available colours: Neutral, Yellow, Orange, Pink, Red, Blue.

## DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

**MAGNACOLOURS**<sup>®</sup>  
IMAGINATION INK™



**MagnaColours Limited**  
Upper Cliffe Road,  
Dodworth Business Park,  
Barnsley, S75 3SP, UK

T: 00 44 (0) 1226 731751  
F: 00 44 (0) 1226 731752  
E: [info@magnacolours.com](mailto:info@magnacolours.com)  
[www.magnacolours.com](http://www.magnacolours.com)

Company registered in  
England No. 01378495,  
VAT No. GB 997 3172 70

