



- DESCRIPTION** : **Flarox Emulsion**
- PHYSICAL NATURE** : Liquid
- PHYSICAL PROPERTIES**
- ❖ Appearance : Paste
 - ❖ Colours : Nine Unique Colours.
 - ❖ Base : Water
 - ❖ % Solids : 45 % (+/- 2)
 - ❖ Particle Size : 0.2 – 0.5 um
 - ❖ Temperature Range : 160 °C to 170 °C
 - ❖ Time for Ink formation : 5 to 10 minutes to mix
- PACKAGING** : 1 & 10 KGS (Tin Packing)
- SHELF LIFE / STORAGE** : Product has a shelf life of at least 1 year, if stored with sealed pack.
- CHARACTERISTICS**
- ❖ Have smaller Particle size therefore it gives better Coverage and Mileage.
 - ❖ Stable at High Temperature of the range 160 to 170 °C.
 - ❖ Gives better visibility and high tintorial value.
 - ❖ easily miscible with all conventional water based systems
- SUGGESTED USES**
- ❖ Suitable for all Water based Applications.
 - ❖ Suitable for textile dyeing (nylon, polyester and cotton with different dyeing process)
 - ❖ Used in Textile printing, Paper printing and water based Ink.
 - ❖ Also can be used in blends.
 - ❖ It is Environment friendly system.
 - ❖ It gives extra shine and it is able to crate a brand packaging.

APPLICATIONS

➤ IN TEXTILE PRINTING :

- We offer 9 unique colours for textile printing application.
- Fastness property of pigment entirely deepens on the quantity and quality of the binder used.
- For better wash fastness, kindly adopt the following procedure.

Thickening Formulation (stock paste)

15	SLN Binder
80	Water
2	Emf 9.5
10	M.T.O.
1	Thinker

(Colour Formulation)

10	Liquid Flarox Emulsion
90	Parts Thickening (Stock Paste)
2	Parts Fixer
102	Total

- Cure at 145 C. For 5 minutes.
- After Curing, keep the printed cloth for 24 hours and then take trials for washing fastness.

Disclaimer:

The said information is provided with good faith. However, our technical advice, information and statements given verbally, in writing or in form of test results – is offered for guidance without warranty. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. The user is requested to conduct a small trial of the product prior to the bulk use.



➤ IN TEXTILE PED DYEING

PART -A	
25	Parts Flarox Pigment
160	Parts Water
5	Parts Catalyst or Fixer
0.5	Alginate gum
200	Total

PART -B	
15	FKLN Binder
30	Parts Water
0.5	Acetic acid
50	Total

- Mix part A & B and pad fabric with this mixer.
- Cure padded fabric at 150 to 160* C for 4- 5 minutes.

➤ IN PAPER COATING

- Due to finer practical size of our FLAROX- Fluorescent concentrates it will give more brightness and shine in paper coating application.
- To get better result, kindly adopt the following procedure.

Paper Base

Water	30
Dis.Agent	1
Binder S/A	30
Calsineclay	40
Thickener	As Required

Paper Base	90
Flarox colour	10

➤ IN LATEX (RUBBER)

- Due to finer practical size of our FLAROX- Fluorescent concentrates it will give more brightness and Shine in latex rubber manufacturing.
- FLAROX-concentrates mixes easy with latex, so user will save time.

Latex	90
Flarox colour	10

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