

CAMAFIX CCL (M)

Melamine Resin - Crosslinking Agent for Pigment Printing

SALIENT FEATURES

- External cross-linking agent for better print fastness
- Improves the binder film strength by cross linking
- Suitable for very high depth pigment prints
- Suitable for metal powder & inorganic pigments (khadi)
- Excellent thermal stability

CHARACTERISTICS

Appearance	: Viscous transparent liquid - water white to brownish
Chemical Nature	: Resin condensation compound (Melamine Base)
Ionic Nature	: Anionic
Miscibility	: Easily miscible in print paste
pH	: 7 ± 0.5
Stability	: Good to hard water & neutral to mild alkaline pH range

APPLICATION

Substrate	: Cellulosic fabric & its blends with polyester						
Machines	: Printing equipment's & machines - Flate-Bed, Rotary, Digital etc.						
Function	: Fixer for pigment printing						
Guide Recipes	<p><u>Preparation of Stock Paste-</u></p> <table> <tr> <td>CAMATHICK CME CONS.</td> <td>1.5 – 1.7 parts</td> </tr> <tr> <td>CAMAMICRO ECO Super (Binder)</td> <td>6.0 – 12 parts</td> </tr> <tr> <td>PRINTOSOFT CS 40 (Pigment Softener)</td> <td>1 – 2 parts</td> </tr> </table> <p>Water.....To bulk up to 100 parts, stirring well upto smooth paste forms</p>	CAMATHICK CME CONS.	1.5 – 1.7 parts	CAMAMICRO ECO Super (Binder)	6.0 – 12 parts	PRINTOSOFT CS 40 (Pigment Softener)	1 – 2 parts
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CAMAMICRO ECO Super (Binder)	6.0 – 12 parts						
PRINTOSOFT CS 40 (Pigment Softener)	1 – 2 parts						

Preparation of Print Paste-

CAMEX - Pigment Colour Emulsion as require	X parts
CAMAFIX CCL (Fixer) (add just before printing)	1 part
Add, Smooth white stock paste.....To bulk up to 100 parts	

Print – Dry – Cure at 150° C for about 3 – 5 minutes.

SPECIAL REMARKS

Storage Stability	: Minimum 3 months under standard conditions of storage
Container	: 50 & 200 kg Barrels

CAMAFIX CCL (P)

Co-Polymer - Crosslinking Agent for Pigment Printing

SALIENT FEATURES

- External cross-linking agent for better print fastness
- Improves the binder film strength by cross linking
- Suitable for very high depth pigment prints
- Suitable for metal powder & inorganic pigments (khadi)
- Excellent thermal stability

CHARACTERISTICS**Appearance**

: Viscous transparent liquid - white hazy liquid

Chemical Nature

: Thermal cross-linkable co-polymer compound

Ionic Nature

: Nonionic

Miscibility

: Easily miscible in print paste

pH: 7.0 ± 0.5 **Stability**

: Good to hard water & neutral to mild alkaline pH range

APPLICATION**Substrate**

: Cellulosic fabric & its blends

Machines

: Printing equipment's & machines - Flat-Bed, Rotary, Digital etc.

Function

: Fixer in pigment printing

Guide Recipes**Preparation of Stock Paste-**

CAMATHICK CME CONS. 1.5 – 1.7 parts

CAMAMICRO ECO Super (Binder) 6.0 – 12 parts

PRINTOSOFT CS 40 (Pigment Softener) 1 – 2 parts

Water.....To bulk up to 100 parts, stirring well upto smooth paste forms

Preparation of Print Paste-

CAMEX - Pigment Colour Emulsion as require X parts

CAMAFIX CCL (Fixer) (add just before printing) 1 part

Add, Smooth white stock paste.....To bulk up to 100 parts

Print – Dry – Cure at 150° C for about 3 - 4 minutes.

SPECIAL REMARKS**Storage Stability**

: Minimum 3 months under standard conditions of storage

Container

: 50 & 200 kg Barrels

CAMAFIX CCL (FF)

Formaldehyde Free - Crosslinking Agent for Pigment Printing

SALIENT FEATURES

- ▶ Formaldehyde Free Fixer to improves fastness properties
- ▶ External cross-linking agent for better print fastness
- ▶ Improves the binder film strength by cross linking
- ▶ Suitable for very high depth pigment prints
- ▶ Suitable for metal powder & inorganic pigments (khadi)
- ▶ Excellent thermal stability

CHARACTERISTICS

Appearance	: Viscous milky white liquid
Chemical Nature	: APEO Free Aqueous Dispersion of Thermally Crosslinkable Acrylate-Polymer
Ionic Nature	: Anionic
Miscibility	: Easily miscible in print paste
pH	: 7 ± 0.5
Stability	: Good to hard water & neutral to mild alkaline pH range Compatible with regular pigment printing chemicals, Unstable in high acidic pH

APPLICATION

Substrate	: Cellulosic fabric & its blends with polyester						
Machines	: Printing equipment's & machines - Flat-Bed, Rotary, Digital etc.						
Function	: Formaldehyde Free Crosslinking Fixer for pigment printing						
Guide Recipes	<p><u>Preparation of Stock Paste-</u></p> <table> <tr> <td>CAMATHICK CME CONS.</td> <td>1.5 – 1.7 parts</td> </tr> <tr> <td>CAMAMICRO ECO Super (Binder)</td> <td>6.0 – 12 parts</td> </tr> <tr> <td>PRINTOSOFT CS 40 (Pigment Softener)</td> <td>1 – 2 parts</td> </tr> </table> <p>Water.....To bulk up to 100 parts, stirring well upto smooth paste forms</p>	CAMATHICK CME CONS.	1.5 – 1.7 parts	CAMAMICRO ECO Super (Binder)	6.0 – 12 parts	PRINTOSOFT CS 40 (Pigment Softener)	1 – 2 parts
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CAMAMICRO ECO Super (Binder)	6.0 – 12 parts						
PRINTOSOFT CS 40 (Pigment Softener)	1 – 2 parts						

Preparation of Print Paste-

CAMEX - Pigment Colour Emulsion as require	X parts
CAMAFIX CCL(FF) (Fixer) (add just before printing)	1 part
Add, Smooth white stock paste.....To bulk up to 100 parts	

Print – Dry – Cure at 150° C for about 3 - 4 minutes.

SPECIAL REMARKS

Storage Stability	: Minimum 3 months under standard conditions of storage
Container	: 50 & 200 kg Barrels