



Pink Rose
PIGMENTS PVT. LTD.

TECHNICAL PRODUCT BROCHURE

PIGMENT PASTE

ROSELENE PIGMENT EMULSION

A practical technical reference for shade selection, fastness performance, formulation guidance and textile pigment applications.

ROSELENE PIGMENT EMULSION

PRODUCT OVERVIEW

Pigment Paste | Product, application and process reference

A practical colour platform for textile pigment systems

Roselene Pigment Emulsion is a water-based pigment-paste platform designed for textile printing, stock-paste preparation and practical shade development with consistent processing.

PRODUCT PLATFORM

Water-based pigment paste / emulsion for textile printing, stock-paste preparation and shade development across cotton and blended substrates.

TECHNICAL APPROACH

Review shade strength, viscosity, dispersion stability, print feel, binder compatibility and fastness performance before scale-up.

APPLICATION

Suitable for synthetic aqueous systems, stock-paste preparation, screen printing and padding trials, subject to binder and process compatibility.

PROCESS REFERENCE

Standard workflow: disperse / mix > prepare stock paste > print or pad > dry > cure as per the binder system. Validate temperature and dwell time on the actual substrate.

AT A GLANCE

19

STANDARD SHADES

Water-based

SYSTEM

Print & Pad

APPLICATION

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A practical reference for shade selection, formulation review and production trials. Final selection should be validated on the intended substrate, binder system and process.

SHADE LIBRARY

COLOUR CATALOGUE

19 Roselene standard shades

 Yellow EF10G C.I. No. Yellow 3	 Yellow PR2G C.I. No. Yellow 12	 G. Yellow PRRM C.I. No. -
 Orange PRG C.I. No. Orange 13	 Orange EF5G C.I. No. Orange 5	 Red PGR C.I. No. Red 8
 Red EFGR C.I. No. Red 210	 Rubine PRB C.I. No. Red 32	 Bordeaux PRB C.I. No. Red 12
 Pink PRB C.I. No. Red 122	 Red Violet PBR C.I. No. Red 31	 Violet PRR C.I. No. Violet 23
 Green PRG C.I. No. Green 7	 Green PR2G C.I. No. -	 Brown PRP C.I. No. -
 Blue PRB C.I. No. Blue 15	 Navy Blue PRB C.I. No. -	 Turq. Blue PRB C.I. No. -
 Black PRG C.I. No. Black 7		

YELLOW · ORANGE · RED · VIOLET · GREEN · BLUE · BLACK

FASTNESS DATA

TECHNICAL DATA

All 19 supplied Roselene shades

Shade	L 0.5	L 2	L 4	Wash	Hypo	Acid	Alk.	Dry	Hot
Yellow EF10G	7	7	7-8	4-5	4-5	4-5	4-5	1	5
Yellow PR2G	7	7	7-8	4-5	5	4-5	4-5	2-3	5
G. Yellow PRRM	2-3	4-5	5	4-5	4-5	4-5	4-5	2-3	4-5
Orange PRG	4-5	5-6	6-7	4-5	4-5	4-5	5	2-3	5
Orange EF5G	5	5-6	6	4-5	4-5	4-5	5	2-3	4-5
Red PGR	4	5	5-6	4-5	5	5	5	2-3	5
Red EFGR	5-6	6	6-7	4-5	4-5	5	5	4-5	5
Rubine PRB	5-6	6	6-7	4-5	4-5	5-5	4-5	5	5
Bordeaux PRB	5-6	6	6-7	4-5	4-5	5-5	4-5	5	5
Pink PRB	6-7	7	7	4-5	1	5	5	5	5
Red Violet PBR	6-7	7	7	4	5	5	5	5	5
Violet PRR	6-7	7	7-8	5	5	5	5	4-5	5
Green PRG	7	7-8	7-8	4-5	4-5	5	5	2-3	5
Green PR2G	6	7	7-8	4	4	5-5	4-5	5	5
Brown PRP	3	3-4	5	4-5	4-5	5	5	2-3	4-5
Blue PRB	6-7	7	7-8	5	5	5	5	4-5	5
Navy Blue PRB	6-7	7	7-8	5	5	5	5	4-5	5
Turq. Blue PRB	7	7	7-8	4-5	4-5	5	5	4-5	5
Black PRG	7-8	7-8	7-8	4-5	4-5	5	5	5	5

L = LIGHT FASTNESS • WASH = 95°C • HYPO = SEVERE HYPOCHLORITE • DRY = PERCHLOROETHYLENE

FORMULATIONS

APPLICATION REFERENCE

Starting-point stock-paste recipes for laboratory and production trials

01 SYNTHETIC AQUEOUS	LEVEL	02 KEROSENE SYSTEM	LEVEL
Binders	10-20 parts	Binders	10 parts
Synthetic Thickener	1.5 parts	Emulsifier	1 part
Rheology Modifier	0.2-0.3 parts	Urea	2 parts
Urea	2 parts	Water	7 parts
Liquid Ammonia (pH 8.5)	1.0 parts	Kerosene	80 parts
Print Feel Modifier	1.0 parts	Total	100 parts
Water	Balance		
Total	100 parts		

PRINTING PASTE PREPARATION

Roselene: X parts | Stock Paste: (100 - X) parts | Total: 100 parts
Process: Print > Dry > Cure under the recommended binder-system conditions.

FORMULATION NOTE

These are starting-point recipes.
Confirm dosage, thickener selection, binder compatibility and curing conditions through laboratory and production trials on the actual substrate.

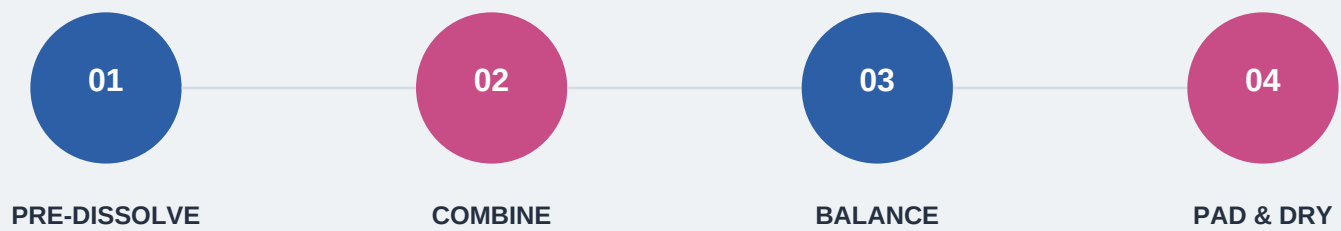
PADDING METHOD

APPLICATION REFERENCE

Padding liquor stock-paste recipe and recommended workflow

COMPONENT	LEVEL
Binders	20–80 gpl
Roselene (pre-dissolved)	X gpl
Acetic Acid (30%)	2–3 gpl
Ammonium Chloride (pre-dissolved)	2–3 gpl
Water	Balance
Bath volume	As required

RECOMMENDED WORKFLOW



TECHNICAL NOTE

Actual dosage, pH adjustment, binder compatibility, pick-up and finishing conditions should be validated on the intended substrate and process.



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PIGMENT PASTE

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