



Pink Rose
PIGMENTS PVT. LTD.

TECHNICAL PRODUCT BROCHURE

PIGMENT PASTE

ROSELENE PIGMENT EMULSION

A practical technical reference for shade selection,
fastness performance, formulations and application.

ROSELENE PIGMENT EMULSION

PRODUCT OVERVIEW

Pigment Paste | Product, application and process reference

A practical colour platform for aqueous systems

Roselene Pigment Emulsion for aqueous pigment printing systems, supporting practical shade development and consistent processing.

PRODUCT PLATFORM

Roselene Pigment Emulsion for aqueous pigment printing systems, supporting practical shade development and consistent processing.

TECHNICAL APPROACH

A single technical reference covering standard shades, fastness properties, stock-paste recipes and application methods.

APPLICATION

Pigment printing systems using synthetic aqueous, kerosene-system and padding approaches.

PROCESS REFERENCE

Print → Dry → Cure. Supplied standard curing condition: 150°C for 4–5 minutes.

AT A GLANCE

19

STANDARD SHADES

150°C

CURING TEMPERATURE

4–5 min

STANDARD CURE TIME

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

01 SYNTHETIC AQUEOUS	LEVEL
Binders	10-20 parts
Synthetic Thickener	1.5 parts
Rheology Modifier	0.2-0.3 parts
Urea	2 parts
Liquid Ammonia (pH 8.5)	1.0 parts
Print Feel Modifier	1.0 parts
Water	Balance
Total	100 parts

02 KEROSENE SYSTEM	LEVEL
Binders	10 parts
Emulsifier	1 part
Urea	2 parts
Water	7 parts
Kerosene	80 parts
Total	100 parts

PRINTING PASTE PREPARATION

Roselene : X parts ? Stock Paste : (100 ? X) parts ? Total : 100 parts

Process: Print ? Dry ? Cure at 150°C for 4?5 minutes.

FORMULATION NOTE

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

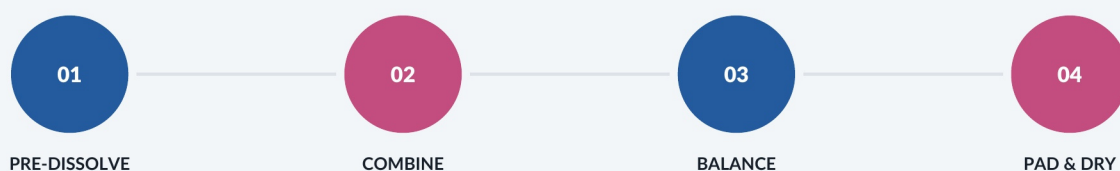
PADDING METHOD

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
Total	100 parts

RECOMMENDED WORKFLOW



TECHNICAL NOTE

Actual dosage, compatibility and finishing conditions should be validated on the intended substrate and process.



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PIGMENT PASTE

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