



EUROMIN HF

for High fastness

49
YEARS
ANNIVERSARY

Phisit Group 

COLOUR **THE WORLD**
SINCE 1973

ISO9001:2015 Certified




Bluesign Certified

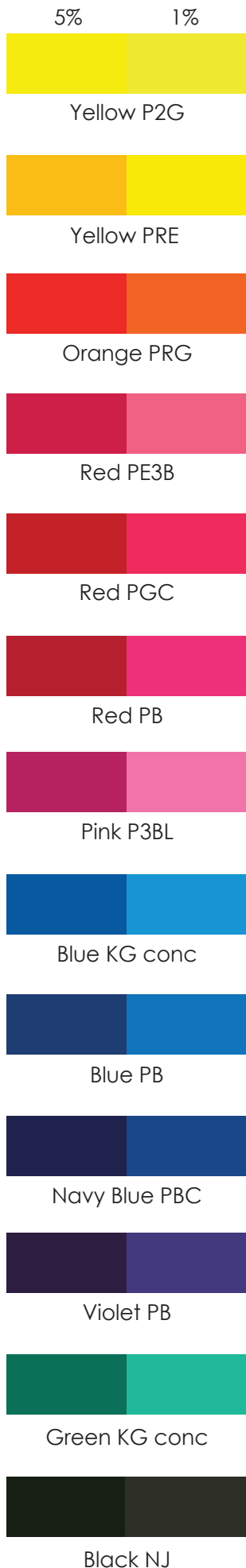


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Color Fastness to EUROMIN HF	Light	Washing	Rubbing dry/wet	Perspiration	Saliva	Dry Cleaning	Heat
Yellow P2G	7	5	4-5/4	5	5	5	5
Yellow PRE	7	5	4-5/4	5	5	5	5
Orange PRG	6-7	5	4-5/3-4	5	5	4-5	5
Red PE3B	7-8	5	4/3-4	5	5	4-5	5
Red PGC	5-6	5	4/3-4	5	5	4-5	4-5
Red PB	5-6	5	4/3-4	5	5	4	4-5
Pink P3BL	7-8	5	4/3-4	5	5	5	5
Blue KG conc	7-8	5	3-4/3	5	5	4-5	5
Blue PB	7-8	5	3-4/3	5	5	4	5
Navy Blue PBC	6-7	5	3-4/3	5	5	4-5	4-5
Violet PB	7-8	5	4/3-4	5	5	4-5	5
Green KG conc	7-8	5	4/3-4	5	5	4-5	5
Black NJ	7-8	5	4/3-4	5	5	5	5

Print on Cotton Knit 3% owp. --->Dry--->Curing 150°C x 3 min.

Fastness Testing Method	Evaluated	Grade
Light : ISO 105-B02 (30 hr.)	Color Change	1-8
Washing : ISO 105-C03 (60°C X 30 min.)	Color Stain	1-5
Rubbing : ISO 105-X12	Color Stain	1-5
Perspiration : ISO 105-E04	Color Stain	1-5
Saliva : GB/T 18886	Color Stain	1-5
Dry Cleaning : ISO 105-D01	Color Change	1-5
Heat : Oven 180°C X 1 min.	Color Change	1-5

*For full range of fastness properties please visit www.phisit.com

Remark :

1. Adequate fastness can be acquired by curing.
2. Sometimes for some cases, after printing, problems of blocking, cracking, etc. May be caused by handling of fabrics.
3. Avoid freezing and also avoid keeping the goods above 25°C.
4. Careful testing and enough investigation before each application are highly recommendable.

The printing outcome may be variable depending on condition of process. Therefore, sufficient and precaution examination before each application should be made.

EUROMIN HF COLORS

EUROMIN HF is highly performance pigment colors which preparation by **PHISIT INTERGROUP CO., LTD.** to meet the rising quality requirements in various textile application.

EUROMIN HF pigment colors perform fine dispersion stability, defined particle size, brilliancy and wide range of color shades. EUROMIN HF pigment colors are high reproducibility, reliability can be obtained optimum coloring results by careful selection of EUROMIN HF pigment colors.

EUROMIN HF offered in the production lines are not intentionally added raw materials any of the prohibited substances above the limit of textile standard. It should comply with the standard listed in GOTs, ZDHC-MRSL, REACH and OEKOTEX etc.

Application

1. Printing recipe

Printed colors illustrated in this pattern card were produced using the following general printing recipe.

Pigment printing can affect fastness properties, shade and brilliancy in many different ways.

Therefore for obtain the required qualities printing results ensure the properties of all auxiliaries in print paste.

Stock Thickening

Water (Demineralised)	X	part
Emulsifier E-650	0.5	part
White - spirit	5	part
Synthetic thickener (Acrylate - based)	1.5	part
Polyacrylate binder	10 ~ 20	part
Catalyzer P	2	part
25% Ammonia	2	part
Total	100	part

Printing paste

EUROMIN HF COLORS	Y	part
Stock thickening	100 -Y	part
Total	100	part

Printing — Drying (2 min at 100°C) — Curing (3 min at 150°C)

2. Padding recipe

EUROMIN HF COLORS	A	g/litre
Polyacrylate binder	100 ~ 200	g/litre
Antimigrating agent	5	g/litre
Catalyzer P	10	g/litre
Water (Demineralised)	B	g/litre
Total	1	litre

Padding — Predry — Curing (Hot air at 160°C for 2 min)