

5% Dye-Met
Yellow PF 1015

Dye-Met

5% Dye-Met
Orange PF 1045

Synthetic Iron Oxides

5% Dye-Met
Brown PF 9464

5% Dye-Met
Black PF 9313

Application on garments

Dye-Met Yellow PF 1015
Dye-Met Orange PF 1045
Dye-Met Brown PF 9464
Dye-Met Black PF 9313

are synthetic iron oxides of special particle size specially selected for garment dyeing.



Why use Dye-Met rather than organic pigments?

Denim sprayed with
PIGMENT
+ Nearchimica Pasta Neutra

Denim sprayed with
DYE-MET
+ Nearchimica Pasta Neutra

DYE-MET

PIGMENT

DYE MET particles do not pass through the fabric while the pigments do, thus the touch is more natural and there is no pigment on the inside of the garment which many customers prefer.

After scraping, sand blasting or Stone washing with pumice stones and enzymes the underneath fabric appears giving the characteristic worn-out look.

With DYE MET this contrast is much greater.



Dye-Met soiled effect – spraying on denim

Prepare spray
solution with:

200 g/l PASTA NEUTRA
10-30 g/l DYE-MET
(e.g. DYE MET ORANGE PF1045)
5 g/l NEARFIL PO
Water to make up to 1000

Slowly add powder dyes to the solution with a stirrer

Keep solution stirred until use.

Create and fix some creases with plastic tags, spray
colour as required, pull off from the mannequin,
dry in oven, cure at 140°C for 10 minutes,

Do scraping by hand on inflatable mannequin.

Spray a solution of potassium permanganate and leave to react,

Neutralize with 0.5 g/l NEARCLEAR KP pdr. at 30°C for 20 minutes, rinse.



Stone Wash with pumice stone and
enzyme:

1% NEARSTONE LBT

1 g/l NEARISERVE D-SW

At 45°C for 30 minutes, rinse.

Soften with:

2 % PRODOTTO 622Y05

Acetic acid pH 5.5

At 40°C for 20 minutes.

Dye-Met soiled effect – by soaking on denim

Prepare a bath with:

200 -300 g/l PASTA NEUTRA

10-30 g/l DYE-MET (e.g. DYE MET ORANGE PF1045)

5 g/l NEARFIL PO

Make up to 1000 with water.

Slowly add powder dyes in the solution with a stirrer. Keep solution stirred until use.

Create and fix some creases with plastic tags, dip into the solution and leave to soak for 15 minutes at room temperature then squeeze by hand.

Hang the garments to regain original shape, eventually create new creases

Leave dripping for 15 minutes, dry in oven, cure at 140°C for 10 minutes.

Do scraping by hand on inflatable mannequin.

Spray a solution of potassium permanganate and leave to react,

Neutralize with 0.5 g/l NEARCLEAR KP pdr. at 30°C for 20 minutes, rinse.

Treat with pumice stone and enzyme

1% NEARSTONE LBT

1 g/l NEARISERVE D-SW

At 45°C for 30 minutes, rinse.

Soften with:

2 % PRODOTTO 622Y05

Acetic acid pH 5.5

At 40°C for 20 minutes.



Dye-Met application on garments by exhaustion

Liquor ratio 1:10

1. CATIONISATION:

5 % NEARSTONE PST conc.

0.3 g/l NEARFIL FAC

0.3 g/l NEARGAL WLI

1 g/l LUBRIFIL LV

Heat to 70°C at 2°C/min.,

Maintain at 70°C for 20 min., then add:

2 g/l Soda Ash

Run at 70°C for 20 min., rinse,

3. FIXATION:

Into same bath add:

3% NEARFIX PF

Maintain at 60°C for 20 min.

Rinse in cold water.

4. SOAPING:

1 g/l NEARCAND OP EXTRA

0.5 g/l NEARFIL FAC

At 50°C for 20 minutes, wash-off.

2. DYEING:

0.3 g/l NEARFIL FAC

0.3 g/l NEARGAL WLI

1 g/l LUBRIFIL LV

0.5-5% DYE MET (powder well-dispersed in cold water)

Heat to 70°C at 2°C/min. Run 20 min. at 70° C.

Add:

25 g/l SODIUM SULPHATE

Heat to 80°C for 20 min.

Cool to 50°C.

