



Procion MX Dyes

CRAM JAR DYEING

PROCION MX DYES

PROCION DYES are suitable for dyeing COTTON, SILK & WOOL. They give bright clear colours and can all be mixed to extend the colour palette.

These dyes belong to the 'Reactive' class of dyes and rely on their natural affinity for the fibre as well as the chemical reaction caused by changing the PH of the dye with Alkali [Soda Ash]. This gives them very good light and wash fastness.

This **Cram Jar Method** is used as a quick dyeing method for multi coloured rainbow dyeing. The fabric is presoaked in a Soda Ash solution then packed into a jar – dye solutions are poured over the fabric and allowed to sit for 30 – 60 mins. Trial and error will play a part in the success of this method. If you use 1 dye colour you'll get a range of shades in the colour from pastel to strong. If you use 2 colours you'll get a range of mixture shades in pastel to strong. Using 3 colours increases the colour range further. Its fun to do a few jars at the same time

PREPARING THE FABRIC

Wash well in hot soapy water to remove any sizing, grease or dirt.

Dye –

A little bit goes a long way in this method – 1 teaspoon of 3 complimentary colours each dissolved in 50mls – 100mls of hot water. ** Use the dye solutions within 3 hours

Soda Ash – **20 gms [4 teaspoons] per litre soaking bath

Urea – Using 100gms per litre in the Soda Presoak solution helps give stronger colours

Dynazol Wash Off

2mls per litre of rinsing bath

INSTRUCTIONS – PRESOAK SOLUTION

- Using hot water, make up enough Soda presoak bath to completely cover your fabric. Soak your fabric / garment for at least 20 mins so it's completely saturated.
- Remove it from the bath and squeeze out any excess solution back into the presoak [this can be kept for future use] Use the spin cycle on your washing machine for large amounts. Presoaked fabric can be used wet or stored dry to use at a later date.

INSTRUCTIONS – DYEBATH SINGLE COLOUR

- Dissolve dye in hot water
- Pack the presoaked fabric into a tall narrow jar
- As you feed the fabric into the jar, pour on the dye solution as you go
- Pack the fabric down into the jar, screw on lid.
- Leave for 40mins
- Remove from the dyebath, squeeze out excess liquid and wash in warm, soapy water then rinse until water runs clear
- Using Dynazol Wash Off before washing reduces the number of rinse baths. Make up 2mls per litre Dynazol in warm water and soak fabric for 20mins. then wash and rinse.

INSTRUCTIONS – DYEBATH 3 COLOURS

- Dissolve dyes individually in hot water
- Pack the presoaked fabric into a tall narrow jar
- As you feed the fabric into the jar, pour on 1st colour solution
- Feed more fabric into the jar, pour on 2nd colour solution. Repeat with 3rd colour solution
- Using a spoon, pack the fabric down into the jar and screw on lid
- Leave for 40mins
- Remove from the dyebath, squeeze out excess liquid and wash in warm, soapy water then rinse until water runs clear
- Using Dynazol Wash Off before washing reduces the number of rinse baths. Make up 2mls per litre Dynazol in warm water and soak fabric for 20mins. then wash and rinse.

EQUIPMENT



Dust Mask



Gloves



Measuring



Tall Narrow Jars



Stirring Spoon



Jug



Scales