

# Procion MX Dyes

**PROCION MX DYES** are suitable for dyeing cellulose fibres, fabrics and yarn. They also dye silk and wool. These dyes belong to the 'Reactive' class of dyes and rely on their natural affinity for the fibre as well as the chemical reaction we cause by changing the PH of the dyebath while the dyes are still in the dyebath. The dyebath is started with salt which pushes the dye onto the fabric then finished with Soda Ash to fix the dye. This gives them very good light and wash fastness. Procions are used in cold/warm water and can also be used to print or hand paint. There are several dyeing methods which can be used for Procions. Industry prefers this longer exhaustion method which uses less dye and gives even dyeing. Over time, textile artists and crafters have developed a number of other methods which are covered in our info sheets. Procion dye powders vary weight to volume, [some powders are quite fluffy] so a set of scales is handy to get more accurate results.

## 100 gms CLEAN FIBRE | YARN | FABRIC

### Dye - 1 tsp = approx 5gms

1 gm for pale shade  
2.5 gms for medium shade  
5 gms for strong shade  
10gms for BLACK

### Salt – Common or Glauber Salt

50gms [3 tablespoons] per litre of dyebath

### Soda Ash

\*\*10 – 15gms [2 – 3 teaspoons] per litre of dyebath

\*\* When dyeing Silk or Wool halve the amount of Soda Ash

### Dynazol Wash Off

2mls per litre of rinsing bath

## EQUIPMENT



Scales



Gloves



Stirring Spoon



Dye Pot



Dust Mask



Measuring Spoons



Jug

## STANDARD DYEING INSTRUCTIONS

- Start by dissolving the dye powder in hot water. Make sure there are no undissolved lumps. Put to one side.
- Make up a dyebath with enough cold or warm water to comfortably cover the fabric. You can use any sturdy plastic bucket or tub for a dyebath.
- Dissolve the salt in hot water and make sure there are no lumps dissolved. Add a third of the solution to the dyebath.
- Add all the dye solution to the dyebath. Stir well.
- Add the fabric to the dyebath and stir well.
- Stir regularly to avoid unevenness.
- After 10 mins add another third of the Salt solution and stir well. After another 10 mins add the remainder of the salt solution and continue stirring regularly for 20 mins. By adding the salt in 3 portions you will get more even dyeing.
- After 30 – 40 mins dissolve the Soda Ash in hot water and again make sure there are no lumps. Soda Ash fixes the dye to the fabric.
- Move the fabric to one side and add the Soda Ash solution.
- Stir regularly for 30 mins. The longer the dyeing time, the stronger the colour.
- Remove fabric from the dyebath, squeeze out excess liquid.
- The fabric will need to be thoroughly rinsed and washed to remove any unfixed dye. Using Dynazol Wash Off as a first rinse/soak will help reduce the numbers of rinses and water used.
- The dyebath is not suitable to reuse.

## Other INFO SHEETS :

- SQUEEZE BOTTLES FOR TIE DYE
- SODA PRESOAK QUICK METHOD
- HANDPAINTING & PRINTING PROCION DYES
- CRAM JAR DYEING
- ICE DYEING
- POLYCHROMATIC/BREAKDOWN PRINTING

			
YELLOW MX8G	DUSTY PINK	BLUE MX3R	KAFFIR
			
YELLOW MX4G	FLAMINGO	DEEP BLUE MX2R	ELECTRIC GREEN
			
MANGO	WATERMELON	BLUE MXR	CHARTREUSE
			
GOLD YELLOW MXR	RED MX5B	ULTRAMARINE	LICHEN
			
YELLOW MX3R	RED MX8B	INDIGO BLUE	AVOCADO GREEN
			
YELLOW OCHRE	RUBINE MXB	BLUE MXGRN	OLIVE MXGD
			
OLD GOLD	RASPBERRY	CERULEAN BLUE MXG	KHAKI
			
SUMMER SANDS	SHOCKING PINK	COSMIC BLUE	BROWN MX2G
			
ORANGE MXG	PINK MXB	COBALT BLUE MX2G	BROWN MX5BR
			
ORANGE MX2R	MARDI GRAS	HAWAIIAN BLUE	NUTMEG
			
HALLOWEEN	AZURE	TURQUOISE MXG	CINNAMON
			
CORAL	AFRICAN VIOLET	SAPPHIRE BLUE	BROWN MX2R
			
BURNT ORANGE	PERIWINKLE	LIGHT AQUA	CHOCOLATE MXBR
			
SCARLET MXGR	AUBERGINE	DUCK EGG BLUE	BLUE MX4GD
			
RED MXG	BLACK CURRANT	JADE GREEN	NAVY MX4RD

			
RED MXBG	VIOLET MX2B	GREEN MX7BA	NAVY MX3R
			
MOROCCAN RED	VIOLET MXRA	GREEN MXBD	GREY MXB
			
CHERRY PINK	LILAC	GREEN MXG	SLATE GREY
			
BUBBLEGUM	DUSKY VIOLET	GREEN MX3G	BLACK MXG
			
PEACH	ROYAL PURPLE	MINT GREEN	BLACK MX2R
			
ICE PINK	PURPLE IRIS	LIME GREEN MX2G	DEEP BLACK RGB [HOT]