

Dyeing Chrome-Tanned Leather using PRO MX Reactive Dyes

Please read directions carefully before starting.

- ✘ Wear rubber gloves, apron or old clothes.
- ✘ Utensils used for dyeing should never be used for food preparation.

Supplies

PRO MX Dye Powder

Synthrapol SP

56% Acetic Acid or 5% white distilled vinegar

PRO Dye Activator or Soda Ash
common salt

clear household ammonia

Procedure

1. Wet out 1 pound (450 gm) of leather for 60 minutes, in the following solution:

1 1/4 gallons (5 liters) of water at 120°F(49°C)

2 tsp (10 ml) Synthrapol SP

3/4 cup (188 ml) clear household ammonia

2. Agitate the leather frequently. Then rinse well in warm water.

3. Prepare dye bath using:

1 1/4 gallons (5 liters) water 120°F(49°C)

up to 8% OWG PRO MX Reactive Dye

8% by volume of common salt (10 oz salt per gallon (4 liters) water)

4. Work leather for 30 minutes maintaining temperature of 120°F(49°C) and add:
PRO Dye Activator or Soda Ash (equal to 25% of the weight of the dye)

5. Work leather for an additional 60 minutes at 120°F(49°C). Drain dye bath and rinse well in warm water. If color is not deep enough, re-dye using 1/2 the amount of dye used the first time. This will result in a darker shade than using the total amount of dye in the first bath.

6. After thoroughly rinsing the leather, acidify it using:

1 gallon (4 liters) room temperature water

3 oz (86 ml) Acetic Acid 56% (or 1 quart (1 liter) of 5% vinegar)

7. Rinse in warm water, extract and air dry.