

Clear Devoré Resist printing

Pigments and other alkaline based print pastes can sometimes be used to neutralise the acid in the devore paste, acting as a resist to the burn out process.

Clear devore resist paste is usually made in bulk by the Technical Demonstrator and can be found in the dye lab. Its recipe is outlined below.

Recipe:

1. 95% grams Solvitose at minimum 8% solution.
2. 3% grams Sodium Carbonate.
3. 2% mls Periblanco SA optical whitener.

Method:

1. Gather your ingredients, mixing pots, measuring cylinder, hand mixer and beaters.
2. Switch on the extraction, positioning in line with your mixing pot.
3. Weigh out the Solvitose.
4. Slowly add the Sodium Carbonate and Periblanco SA using the hand mixer to blend until smooth and thick.
5. Print and dry.
6. Heat press at 150°C for 30 seconds.
7. Return fabric to the flatbed, blotch (open screen) printing with the cellulose Devore print paste and dry.
8. Heat press at 160°C for 30 seconds, checking between each press time, until the Devore paste has turned a dark (burnt toast) brown. You should be easily able to crack the burned fibres.

Wash:

1. Rinse out the carbonised cellulose in warm water, gently agitating the fibres to ensure all burned out fibres are removed.
2. Rinse in a warm wash with detergent to remove any remaining burned out fibres.
3. Rinse in cold water to remove the detergent.
4. Dry and press.