

COLOURTHERM CONCENTRATED COLOURS

A range of heat-sensitive colours which show change of colour at different temperatures (thermochromism) – at high temperature – low temperature the colour disappears and reappears.

If the Colourtherm concentrated colours are mixed with general pigment colours, a unique colour changing reaction can be obtained e.g. if Colourtherm Magenta concentrated colour is mixed with a standard concentrated blue pigment, the resultant colour will be purple. However, when subjected to an increase in temperature e.g. sunlight etc. the Colourtherm Magenta concentrated colour will disappear leaving a blue effect. When the temperature is reduced the Colourtherm Magenta will reappear and the colour will revert to purple. Where Colourtherm colours are used without the addition of a standard pigment, the effect will be from coloured to colourless. Colourtherm colours are used for a variety of purposes e.g. printing or coating garments, pigment dyeing of garments, colouring for sponge material etc.

Suitable fabrics for use with Colourtherm: Cotton, Polyester, Polyamide etc.

Method:

Add approximately 10% Colourtherm concentrated colour to our Standard Colourtherm Fabric Binder until the desired shade has been achieved. Add standard pigment colour as required (see Colourcraft range of Concentrated Fabric Colours – page 12, item 1 in our product range).

Use 80 – 100 mesh screens when screen-printing.

Dry thoroughly and then heat cure at 150°C for 4 minutes.

*CAUTION – Avoid steam treatment or the addition of any solvents e.g. alcohols, esters etc. as this will destroy the colour changing action.

SAFETY IN USE:

Care should be taken when handling all dyes, chemicals etc.

Protective clothing and gloves, eye protection etc. is recommended.

Precautions should be taken to avoid accidental ingestion, inhalation and skin and eye contact.

Keep containers closed and away from children.

Use products in a well-ventilated area.

Store between 5°C and 40°C.

Information contained in this publication or as otherwise supplied is believed to be accurate and is given in good faith, but without guarantee, as we have no control over conditions of use and individual application.

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