

TMC HALLCREST

Riverside Buildings, Dock Road,

Connahs Quay, Flintshire, CH5 4DS, UK

Telephone: 44(0) 1244 818348 Fax: 44 (0) 1244 818502

E-Mail: sales@t-m-c.com

TECHNICAL DATA SHEET

1. IDENTIFICATION MC395-3

<u>2. INITIAL COLOUR</u>	Purple	PAINT TYPE	MULTI CHANGE
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3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	395
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4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	355
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5. TECHNICAL DETAILS

Vehicle Type :	Acrylic
Coverage	6
Solvent	PMA
Average Drying Time	1st Coat touch dry in 15 -50 minutes. Allow min. of 20 minutes before test.
Weathering	This paint has good weathering resistance and may be used in arduous environments.
Flash Point (Pensky - Martin Closed Cup):	31 °C
%Solids by Weight	54%

6. APPLICATION DETAILS

Apply to a blast cleaned and de-greased surface, no primer is necessary. Apply one coat, allowing to touch dry to 15-30 minutes.

Best thermal mapping is achieved by an even coat of paint. The preferred application method is spraying. The paint may be thinned to spraying viscosity by the further addition of thinners.

Removal of the paint can be achieved by using solvents or an abrasive disc.

7. COLOUR CHANGES:

	INITIAL COLOUR	Purple
1	Pink	
2	Fawn	
3	Blue	

MC395-3 THERMAL INDICATING PAINT

DEFINITION

- A** PURPLE-Initial colour
- B** PINK
- C** FAWN
- D** BLUE
- E** LIGHT BLUE
- F** MATT BLACK
- G** GLAZE BLACK

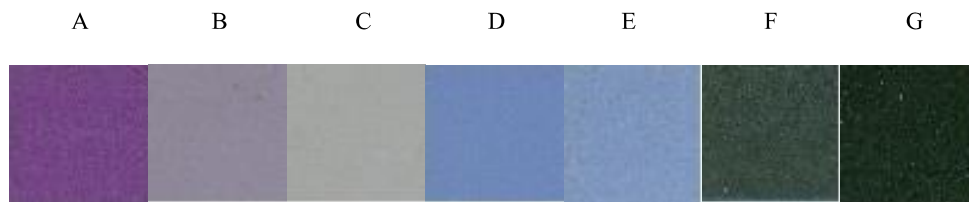


Table of temperature and colour density for each colour transition

		A	B	C	D	E	F	G
5min	°C	<410	410	550	590	730	910	1050
	°F	<770	770	1022	1094	1346	1670	1922
	Density	1.11M	0.83M	0.51V	0.58V	0.75C	0.98C	1.37V

Colour Density: The spectral density of the paint after heating, measured with an X-Rite spectrodensitometer

Colour Density Prefix: The spectral density prefix from the spectrodensitometer. There are four prefixes:
C = Cyan ; M = Magenta ; V = Violet; Y= Yellow