

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC104-2

<u>2. INITIAL COLOUR</u>	Bright Violet Blue	PAINT TYPE	MULTI CHANGE
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3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	104
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4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	60
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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 minmum of 20 minutes before test.
Weathering	Not suitable for out door use.
Flash Point (Pensky - Martin Closed Cup):	37 °C
%Solids by Weight	56%

6. APPLICATION DETAILS

Apply to a blast cleaned and de-greased surface, no primer is necessary. Apply first 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.

For work above 280C pigment adhesion will be lost unless the paint is ordered with added silicon resin.

This paint is not suitable for outside use even with added silicon.

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

7. COLOUR CHANGES:	INITIAL COLOUR	Bright Violet Blue
1	Bright Green	
2	Olive Green	

MC104-2 THERMAL INDICATING PAINT

DEFINITION

- A** LAVENDER (original colour)
- B** BLUE
- C** CYAN
- D** DUSTY GREEN

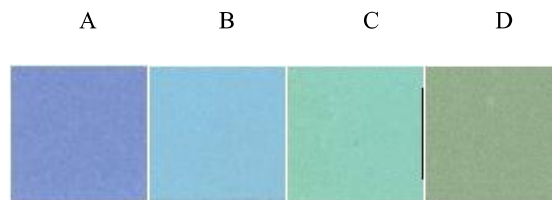


Table of temperature and colour density for each colour transition

		A	B	C	D
5min	°C	<110	110	150	230
	Density	0.70C	0.55C	0.51C	0.58Y

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