

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC401-6

<u>2. INITIAL COLOUR</u>	Red	PAINT TYPE	MULTI CHANGE
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3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	400
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4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	300
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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 side use.
Flash Point (Pensky - Martin Closed Cup):	34 °C
%Solids by Weight	44%

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	Red
1	Brown	
2	Yellow	
3	Orange	
4	Brown	
5	Beige /	
6	Matt Black	

MC401-6 THERMAL INDICATING PAINT

DEFINITION

- A** DARK RED-*Initial colour*
- B** BROWN
- C** YELLOW
- D** ORANGE
- E** BROWN
- F** BEIGE&BLACK MATT
- G** BLACK MATT

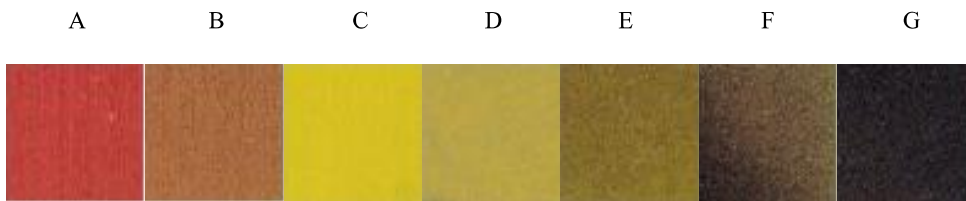


Table of temperature and colour density for each colour transition

		A	B	C	D	E	F	G
5min	°C	<380	380	500	740	860	1000	1160
	°F	<716	716	932	1364	1580	1832	2120
	Density	1.26Y	1.12Y	1.02Y	0.92Y	1.23Y	1.30Y	1.23V

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