

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC350-8

<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 @	350
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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 minimum of 20 minutes before test.
Weathering	Not suitable for out door use.
Flash Point (Pensky - Martin Closed Cup):	36 °C
%Solids by Weight	62%

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 weather resistance will be lost unless the paint is ordered with added silicon resin.
Removal of the paint can be achieved by using solvents or an abrasive disc.

7. COLOUR CHANGES:

	INITIAL COLOUR	Red
1	RED / BROWN	
2	BROWN	
3	YELLOW	
4	GREEN	
5	BEIGE	
6	TAN	
7	MOTTLED TAN	
8	MATT BLACK	

MC350-8 THERMAL INDICATING PAINT

DEFINITION

- A** RED TILE-*Initial colour*
- B** RED/BROWN
- C** BROWN
- D** YELLOW
- E** GREEN
- F** BEIGE
- G** TAN
- H** MOTTLED TAN
- I** MATT BLACK

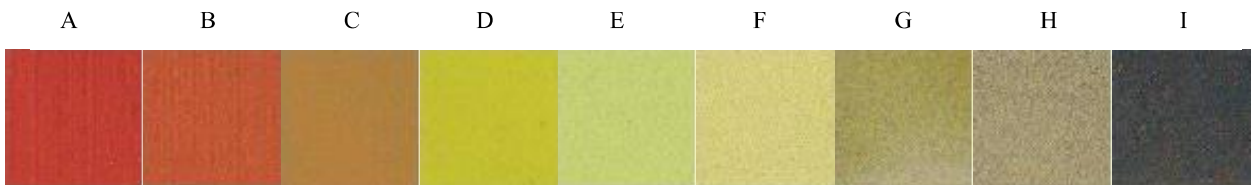


Table of temperature and colour density for each colour transition

		A	B	C	D	E	F	G	H	I
5min	°C	<360	360	430	580	720	800	910	1220	1270
	Density		1.14Y	1.01Y	0.86Y	0.59Y	0.57Y	0.88Y	0.73Y	0.93V

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