TMC HALLCREST

2.INITIAL COLOUR

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

Orange / Red

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC470-9



(TMC Hallcrest

3.A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @ 490

4.ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED 300

TO WITHOUT A COLOUR CHANGE

5. TECHNICAL DETAILS

Acrylic Vehicle Type: Coverage

2-Methoxy-1-Methylethylacetate (PMA) Solvent

1st Coat touch dry in 15 -50 minutes. Allow a min. of 20 minutes before test. Average Drying Time

Weathering This paint has good weathering resistance and may be used in arduous

environments.

Flash Point (Pensky -

Martin Closed Cup):

٥С 30

%Solids by Weight

59%

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

7. COLOUR CHANGES:

INITIAL COLOUR Orange / Red

1	BROWN	
2	YELLOW	
3	GREEN	
4	ORANGE	
5	MOTTLED RED	
6	GREEN GREY	
7	GREY	
8	MATT BLACK	
9	GLAZE	

Information in this Product Data Sheet is compiled from our general experience and data obtained from various technical publications. While we believe that the information provided herein is accurate at the date hereof, no responsibility for its completeness or accuracy can be assumed. Tests at TMC are carried out under controlled laboratory conditions. The user should test and verify the paint works in their particular application. Information is given in good faith, but without commitment as conditions vary in every case. The information is provided solely for consideration, investigation and verification by the user. TMC do not except any liability for any loss, damage or injury resulting from its use (except as required by law).

Please refer to the Material Safety Data Sheet before using products to ensure safe handling.

MC470-9 THERMAL INDICATING PAINT

DEFINITION

- A RED-Initial colour
- **B** BROWN
- C YELLOW
- **D** GREEN
- E ORANGE
- F MOTTLED RED
- **G** GREEN GREY
- **H** GREY
- I MATT BLACK
- J GLAZE

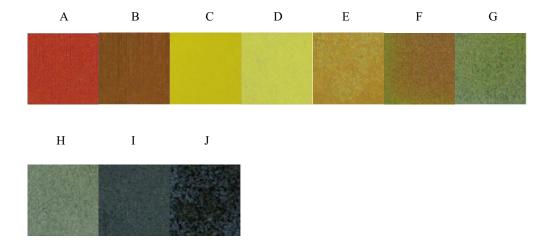


Table of temperature and colour density for each colour transition

		A	В	C	D	E	F	G	Н	I	J
5min	°C	<470	470	600	750	850	990	1060	1120	1200	1210
	Density	1.44Y	1.40Y	1.21Y	0.77Y	1.0Y	1.18Y	1.0Y	0.81V	1.13V	1.32V

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