

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC242-2

<u>2. INITIAL COLOUR</u>	Golden Brown	PAINT TYPE	MULTI CHANGE
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3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	242
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4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	193
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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	This paint has good weathering resistance and may be used in arduous environments.
Flash Point (Pensky - Martin Closed Cup):	33 °C
%Solids by Weight	38%

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	Golden Brown
1	Dark Grey	
2	Medium Grey	

MC242-2**TMCHallcrest**

CALIBRATION REPORT

OLD NAME O/E 106

CHANGE No. 1	Dark Grey	10 MINUTES	242 °C
CHANGE No. 1	Dark Grey	20 MINUTES	238 °C
CHANGE No. 1	Dark Grey	30 MINUTES	236 °C
CHANGE No. 1	Dark Grey	60 MINUTES	233 °C
CHANGE No. 1	Dark Grey	120 MINUTES	229 °C
CHANGE No. 1	Dark Grey	180 MINUTES	227 °C
CHANGE No. 2	Medium Grey	10 MINUTES	255 °C
CHANGE No. 2	Medium Grey	20 MINUTES	245 °C
CHANGE No. 2	Medium Grey	30 MINUTES	240 °C
CHANGE No. 2	Medium Grey	40 MINUTES	236 °C
CHANGE No. 2	Medium Grey		

COMMENTS

The above information is obtained through work conducted with a calibration rig specifically developed in the aerospace industry for colour change paints used in non-destructive testing.

This information is correct as at Issue Date, but as products are subject to revision, the information contained herein should not be relied upon by individual customers unless specifically confirmed by us on the placing of an order. If necessary please contact supplier for further details on full calibration data.

		50 MINUTES	233 °C
CHANGE No. 2	Medium Grey		
		60 MINUTES	231 °C

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