

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION SC240

<u>2. INITIAL COLOUR</u>	Yellow	PAINT TYPE	SINGLE CHANGE PAINT
3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	240		
4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	170		

5. TECHNICAL DETAILS

Vehicle Type :	Acrylic
Coverage	6
Solvent	PMA
Average Drying Time	1st Coat touch dry in 15 -50 minutes. Allow a min. 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):	32 °C
%Solids by Weight	37%

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:

1

INITIAL COLOUR Yellow
Red / Brown

SC240**TMCHallcrest**

CALIBRATION REPORT

OLD NAME SC 235

CHANGE No. 1	Red / Brown	1 MINUTES	255 °C
CHANGE No. 1	Red / Brown	2 MINUTES	251 °C
CHANGE No. 1	Red / Brown	10 MINUTES	240 °C
CHANGE No. 1	Red / Brown	20 MINUTES	228 °C
CHANGE No. 1	Red / Brown	30 MINUTES	224 °C
CHANGE No. 1	Red / Brown	60 MINUTES	218 °C
CHANGE No. 1	Red / Brown	120 MINUTES	211 °C
CHANGE No. 1	Red / Brown	300 MINUTES	208 °C
CHANGE No. 1	Red / Brown	600 MINUTES	198 °C
CHANGE No. 1	Red / Brown	1500 MINUTES	190 °C
CHANGE No. 1	Red / Brown		

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.

3000 MINUTES 185 °C

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