

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION SC400

<u>2. INITIAL COLOUR</u>	Mauve	PAINT TYPE	SINGLE CHANGE PAINT
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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	180
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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 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):	31 °C
%Solids by Weight	48%

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	Mauve
1	White	

SC400**TMCHallcrest**

CALIBRATION REPORT

OLD NAME SC 370

CHANGE No. 1	White	10 MINUTES	400 °C
CHANGE No. 1	White	30 MINUTES	386 °C
CHANGE No. 1	White	50 MINUTES	380 °C
CHANGE No. 1	White	120 MINUTES	370 °C
CHANGE No. 1	White	180 MINUTES	365 °C
CHANGE No. 1	White	300 MINUTES	360 °C
CHANGE No. 1	White	600 MINUTES	352 °C
CHANGE No. 1	White	1200 MINUTES	344 °C

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.