

TMC HALLCREST

Riverside Buildings, Dock Road,

Connahs Quay, Flintshire, CH5 4DS, UK

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

E-Mail: sales@t-m-c.com

TECHNICAL DATA SHEET

1. IDENTIFICATION SC550

2. INITIAL COLOUR Orange

PAINT TYPE

SINGLE CHANGE PAINT

3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @ 550

4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE 475

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): 35 °C

%Solids by Weight 73%

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.

Application methods other than spraying may have a detrimental effect with this paint.

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 Orange

1

Yellow

SC550**TMCHallcrest**

CALIBRATION REPORT

OLD NAME SC 560

CHANGE No. 1	Yellow	1 MINUTES	591 °C
CHANGE No. 1	Yellow	5 MINUTES	571 °C
CHANGE No. 1	Yellow	10 MINUTES	550 °C
CHANGE No. 1	Yellow	30 MINUTES	540 °C
CHANGE No. 1	Yellow	60 MINUTES	526 °C
CHANGE No. 1	Yellow	300 MINUTES	521 °C
CHANGE No. 1	Yellow	600 MINUTES	516 °C
CHANGE No. 1	Yellow	1200 MINUTES	509 °C
CHANGE No. 1	Yellow	1800 MINUTES	506 °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.