

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION SC276

<u>2. INITIAL COLOUR</u>	Blue Grey	PAINT TYPE	SINGLE CHANGE PAINT
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3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @	275
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4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE	171
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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):	36 °C
%Solids by Weight	41%

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:

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INITIAL COLOUR	Blue Grey
Lavender	

SC276**TMCHallcrest**

CALIBRATION REPORT

OLD NAME O/E 93

CHANGE No. 1	Lavender	10 MINUTES	275 °C
CHANGE No. 1	Lavender	20 MINUTES	262 °C
CHANGE No. 1	Lavender	30 MINUTES	255 °C
CHANGE No. 1	Lavender	60 MINUTES	244 °C
CHANGE No. 1	Lavender	120 MINUTES	233 °C
CHANGE No. 1	Lavender	180 MINUTES	226 °C
CHANGE No. 1	Lavender	240 MINUTES	222 °C
CHANGE No. 1	Lavender	300 MINUTES	219 °C
CHANGE No. 1	Lavender	600 MINUTES	209 °C
CHANGE No. 1	Lavender	900 MINUTES	203 °C
CHANGE No. 1	Lavender		

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.

		1200 MINUTES	199 °C
CHANGE No. 1	Lavender		
		1800 MINUTES	194 °C
CHANGE No. 1	Lavender		
		2400 MINUTES	190 °C
CHANGE No. 1	Lavender		
		3000 MINUTES	187 °C

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