

## **TMC HALLCREST**

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### **TECHNICAL DATA SHEET**

#### **1. IDENTIFICATION SC275**

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<b><u>2. INITIAL COLOUR</u></b>	<b>Blue</b>	<b>PAINT TYPE</b>	<b>SINGLE CHANGE PAINT</b>
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<b>3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @</b>	<b>275</b>
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<b>4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE</b>	<b>150</b>
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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 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):	29 °C
%Solids by Weight	37%

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#### **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:**

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<b>INITIAL COLOUR</b>	<b>Blue</b>
	<b>Fawn</b>

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**SC275****TMCHallcrest**

# CALIBRATION REPORT

*OLD NAME SC 250*

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CHANGE No. 1	Fawn	1 MINUTES	313 °C
CHANGE No. 1	Fawn	2 MINUTES	305 °C
CHANGE No. 1	Fawn	4 MINUTES	296 °C
CHANGE No. 1	Fawn	5 MINUTES	289 °C
CHANGE No. 1	Fawn	10 MINUTES	275 °C
CHANGE No. 1	Fawn	20 MINUTES	260 °C
CHANGE No. 1	Fawn	30 MINUTES	252 °C
CHANGE No. 1	Fawn	60 MINUTES	239 °C
CHANGE No. 1	Fawn	120 MINUTES	227 °C
CHANGE No. 1	Fawn	180 MINUTES	220 °C
CHANGE No. 1	Fawn		

**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.

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		300 MINUTES	212 °C
CHANGE No. 1	Fawn		
		600 MINUTES	201 °C
CHANGE No. 1	Fawn		
		900 MINUTES	195 °C
CHANGE No. 1	Fawn		
		1500 MINUTES	187 °C
CHANGE No. 1	Fawn		
		3000 MINUTES	177 °C

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