

## **TMC HALLCREST**

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### **TECHNICAL DATA SHEET**

#### **1. IDENTIFICATION MC160-2**

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<b><u>2. INITIAL COLOUR</u></b>	<b>Light Tan</b>	<b>PAINT TYPE</b>	<b>MULTI CHANGE</b>
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<b>3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @</b>	<b>160</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 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):	34 °C
%Solids by Weight	42%

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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.

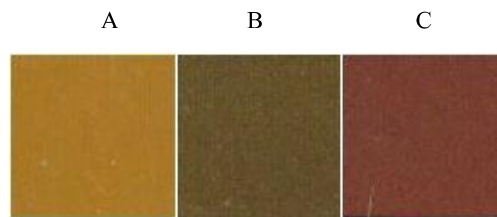
Removal of the paint can be achieved by using solvents or an abrasive disc.

<b>7. COLOUR CHANGES:</b>	<b>INITIAL COLOUR</b>	<b>Light Tan</b>
1	Green Brown	
2	Brown	

# MC160-2 THERMAL INDICATING PAINT

## **DEFINITION**

- A** LIGHT TAN / ORANGE (original colour)
- B** GREEN BROWN
- C** BROWN



## **Table of temperature and colour density for each colour transition**

		<b>A</b>	<b>B</b>	<b>C</b>
	°C	<170	170	250
<b>5min</b>	Density	1.21Y	1.16Y	1.16Y
	Density	1.18Y	1.15Y	1.12Y

*Colour Density:* The spectral density of the paint after heating, measured with an X-Rite spectrodensitometer

*Colour Density Prefix:* The spectral density prefix from the spectrodensitometer. There are four prefixes:  
C = Cyan ; M = Magenta ; V = Violet; Y= Yellow