

TMC HALLCREST

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TECHNICAL DATA SHEET

1. IDENTIFICATION MC165-2

| | | | |
|---|---------------------|-------------------|---------------------|
| <u>2. INITIAL COLOUR</u> | Mauve / Pink | PAINT TYPE | MULTI CHANGE |
| 3. A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINUTES HEATING @ | 165 | | |
| 4. ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE | 120 | | |

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 | Good below 280C. |
| Flash Point (Pensky - Martin Closed Cup): | 31 °C |
| %Solids by Weight | 40% |

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:

| | | |
|---|-----------------------|---------------------|
| | INITIAL COLOUR | Mauve / Pink |
| 1 | Blue | |
| 2 | Grey | |

MC165-2 THERMAL INDICATING PAINT

DEFINITION

- A** MAUVE / PINK / VIOLET (original colour)
- B** BLUE
- C** GREY

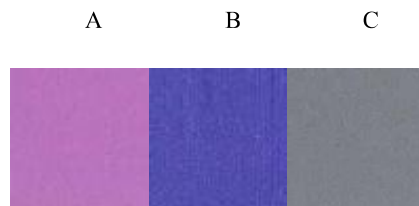


Table of temperature and colour density for each colour transition

| | | A | B | C |
|-------------|---------|----------|----------|----------|
| 5min | °C | <160 | 160 | 280 |
| | Density | 0.75M | 0.83M | 0.88C |

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