



# MR®72, White Contrast Paint

MR®72 is a specially formulated quick drying coating material which serves to lighten the test surface when performing non-fluorescent magnetic particle inspection by forming a smooth white film to improve probability of detection and sensitivity.

*Pack Size*    Aerosol 400ml

## Additional information

<p><b>PROPERTIES</b></p>	<p>Appearance – white volatile liquid</p> <p>Chemical Composition – mixture of solvents &amp; white pigments Basis – solvents</p> <p>Odour – characteristic</p>
<p><b>APPROVALS</b></p>	<p>ASME Code V, Art. 7</p> <p>DIN EN ISO 9934 (BS 5044)</p> <p>ASTM E709</p> <p>PMUC (EDF)</p>
<p><b>FAMILY TESTING</b></p>	<p>Contrast Paint – MR72</p> <p>Cleaner – MR79, MR71</p> <p>Magnetic Ink (visible) – MR76S (all versions), MR76SH, MR76SR, MR210, MR214, MR221, MR221GF, MR222, MR222LC</p>
<p><b>RECOMMENDED USAGE</b></p>	<p>NDT Method – Magnetic Particle Testing</p> <p>Area Coverage ~ 6 sq m (400ml nett Aerosol can) ; ~ 19 sq m (1 L)</p> <p>Usage Temperature – 41°F to 131°F / +5 °C to +185 °C **</p> <p>Storage Temperature – 41°F to 113°F / +5 °C to +45 °C</p> <p>** EZ or HD variant</p>

## Features

- Bright white coating
  - Free of aromatics, solvent-based
  - Toluene free
  - Benzene free
  - Low odour
  - Instant touch dry
  - Easy to apply and easy to clean\* #
  - Non toxic
  - Strong adhesion on all metal surfaces
  - Available in multiple variants depending on user requirements
- \*Cleans effectively using MR71 or MR79. # MR72  
EZ cleans by simple wiping.

## How it Works

In Magnetic Particle Inspection (MPI), contrast paint is a type of paint that is used to provide a contrasting background to the magnetic particles that are used to detect surface and near-surface defects in ferromagnetic materials. The white contrast paint is applied to the surface of the test piece to enhance the visibility of the magnetic particle indications.

The white contrast paint works by providing a contrasting background colour to the dark magnetic particle indications, which makes them more visible to the inspector. This is particularly useful in situations where the background colour of the test piece is similar in colour to the magnetic particles being used, which can make it difficult to see the magnetic particle indications.