

## White contrast paints

### 1 General Description

Ardrox® 8901W is a quick drying white paint which is designed specifically for the use in the color contrast method of magnetic particle inspection. It provides a dense white background against which black or red indications of defects can be seen readily. Ardrox® 8901W is ideal for use with either oil based or water based magnetic inks.

Ardrox® 8901W is available as aerosol cans. It offers optimal performances when used together with the color contrast magnetic inks Ardrox® 800/3 or 8032.

#### Conformances

- ✓ ASME Boiler & Vessel Code, Section V, Article 7
- ✓ CEN ISO 9934-2
- ✓ Rolls Royce OMat 264 (approval)

Ask your Chemetall representative for a complete list of approvals

### 2 Physical and Chemical Properties

Property	Unit	Typical Value	Test Method
Appearance	-	white dispersion	-
Flash point	°C / °F	-18 / -0.4	ASTM D93
Density	g/cm³ at 20°C / 68°F	0.99	volumetric

These are typical values only and do not constitute a specification.

### 3 Application

Ardrox® 8901W can be applied to the area to be inspected by spraying. It is essential that aerosols are shaken before use.

Surface temperature should be between 0 and 50°C (30-120°F).

Ardrox® 8901W is applied to dark colored ferromagnetic surfaces and allowed to dry before applying the magnetic particles. This ensures a good color contrast between the white paint and the red or black particles making it much easier for the inspector to identify and interpret the indications.

Ardrox® 8901W is used extensively in conjunction with Ardrox® 800/3 or 8032 ink in aerosols particularly for the in-situ inspection of welded fabrications or structures, pressure vessels and pipelines.

Ardrox® 8901W can then be left on the surface or removed with the appropriate Ardrox® solvent cleaner.

### 4 Effects on materials

When Ardrox® 8901W is used in the prescribed manner, no significant corrosion will occur on ferrous materials. Equipment/tanks should be constructed of plastic or stainless steel.

## 5 Storage

Store in a cool place, protect from freezing conditions.

## 6 Safety guidance

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

## 7 Waste release

Any release shall respect all the applicable national and local regulation.

## 8 General information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, descaling, paint and carbon removal, metal working and protection and non-destructive testing. Sales Executives are available to advice on specific problems and applications.

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