ARDROX® 8901 W

WHITE CONTRAST PAINTS

1 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 — EN ISO 9934-2
- ✓ Rolls Royce — OMat 264 (approval)

Ask your Chemetall representative for a complete list of approvals

2 Physical and chemical properties

Property	Typical Value	Unit	Test Method
Appearance	white dispersion	-	-
Flash point	-18 / -0.4	°C / °F	ASTM D93
Density	0.96 at 20°C / 68°F	g/cm³ / °C / °F	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 an appropriate Ardrox® solvent cleaner, for instance Ardrox® 5319.

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4 Effects on material

When Ardrox® 8901W is used in the prescribed manner, no significant corrosion will occur on ferrous materials.

5 Storage

Store in a cool place, with protection from freezing conditions. Shelf life of Ardrox® 8901W is 24 months.

6 Labor and environmental protection

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

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

7 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.

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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