

WHITE PAINT**WP-1****Article No. 680.400 /400ml****Product description**

The best choice for reliable, effective defect detection in a wide range of applications. WP-1 has been formulated to provide the best quality of indication in daylight inspection. Cost effective and assured.

Ready to use, rapidly drying, white contrast paint.

Application

Castings, forgings, weld inspection, metal fabrication, railways, power generation components and pipelines.

Composition

Inert organic pigments and an acrylic binder in a solvent blend based on acetone.

Method of Use

- 1 Clean the component prior to testing to ensure it is free from contamination and to provide a suitable test surface.
- 2 Shake can thoroughly to ensure that the paint particles are evenly distributed.
- 3 Apply a thin coating to provide a contrasting background colour.
- 4 Apply the ink by spraying.
 - a. Wet Continuous Method
Apply the ink and magnetise using either a permanent or electromagnet. Stop the flow of ink before the magnetization discontinues to avoid washing away indications.
 - b. Wet Residual Method
Pre magnetise the component. Spray ink.
- 5 After inspection demagnetize the component before cleaning thus ensuring easy removal of magnetic powder particles and paint.
- 6 Clean surface using a wire brush or a common solvent such as acetone.

Please note

Read the relevant Safety Data Sheet before use. Sheets are available on request from ECS.

**Technical Data**

Typical Properties	WP-1
Flash point	-40°C
Density	0.93 g/cm ³
Boiling Point	56°C
Solids Content	20%
Viscosity at 20°C	< 20 mm ² /sec
Storage Temperature	10 to 30°C
Usage Temperature	-5 to 50°C
Coverage	10-15m ² per 400 ml can

Specification Compliance	WP-1
ASME B & PV Code Sec V	Yes
ASTM E709	Yes
EN ISO 9934-1	Para 7 & 10 as applicable
EN ISO 9934-2	Yes
GOST R ISO 9934-2-2011	Yes

Associated Products	ECS Product Designation
Black Ink	BI-2
Cleaner	CL-1

Storage / Shelf Life

Shelf life is 3 years if stored correctly.