

WATER WASHABLE VISIBLE RED DYE PENETRANT

DESCRIPTION

ZChek-PTW is a high performance water washable penetrant with typical penetrant characteristics of brilliant red colour, optimum capillary action and high flashpoint. Specially formulated for detecting discontinuities in welding, casting, forgings and many other engineering applications.

SALIENT FEATURES

- Type 2 Water washable
- Brilliant Colour Contrast – RED
- ISO 3452 Sensitivity Level 2
- Perfect Capillary Action
- High Wetting ability
- High Flash Point
- Non-Halogenated

BENEFITS

- Unique Product Specific
- Excellent Visibility
- Detects fine discontinuities
- Excellent Penetration
- Excellent Coverage
- Safe to use
- Safe On all Metals

APPLICATIONS

Non-Destructive testing by liquid penetrant for welding defects, fabrication- pressure vessels, castings, forgings, railways, power plants, oil & gas, maintenance etc.

TYPICAL PROPERTIES

Colour	Vivid Red
Density	0.87g/cc
Viscosity@40°C	8 cSt
Flash point	>93°C
Sulphur content	0.1%
Chlorine content	0.1%



CONFORMANCE / SPECIFICATION

- ASME B & PV Code, Sec V
- EN ISO 3452-2
- ASTM E-165
- AMS 2644
- IS 3658
- Nuclear Power Corp (Ionic Sulphur & Halogens less than 25ppm)

DIRECTIONS FOR USE

- Pre Clean surface using ZChek CL or ZChek CR
- Apply ZChek -PTW by spray or brush and allow dwell time of 5-30 Mins or refer ASTM -E 1417
- Remove Excess Penetrant using Water

PACK SIZES

- Aerosol Can of 520 ML 12 cans in one carton box.
- Bulk 1 Litre X 8 cans in one carton box.

HEALTH & SAFETY

Information on Health & Safety is made available through Material Safety data sheets and the same can be reviewed through the company's website www.zchem.in.

STORAGE & SHELF LIFE

Aerosol Cans have a Shelf Life of 3 Years and the Bulk Packing of 5 years if unopened and stored as per ZChem Recommendations.

Manufactured By:

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Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.

