

Water Washable Penetrant

For Visible Liquid Penetrant Inspection Type 2 Method A

DESCRIPTION

ZChek-PTW is a high performance Water Washable Penetrant with typical penetrant characteristics of brilliant red color, optimum capillary action and high flash point. Specially formulated for detecting discontinuities in Welding, Casting, Forgings and many other Engineering Applications.

CONFORMANCE / APPROVALS

- ASME B & PV Code, Sec V
- ASTM E165
- ASTM E1417
- ISO 3452-2
- IS 3658

FEATURES / BENEFITS

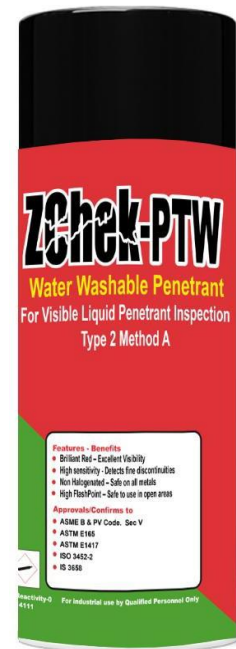
- Brilliant Color Contrast - Red : Excellent Visibility
- Perfect Capillary Action - Excellent Penetration
- High Sensitivity - Detects Fine Discontinuities
- Non-Halogenated - Safe on All Metals
- High Flash Point - Safe to Use

APPLICATIONS

Liquid penetrant inspection for welding defects in fabrication, pressure vessels and defects in castings, forgings, railways, power plants, oil & gas, maintenance etc.

TYPICAL PROPERTIES

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



DIRECTIONS FOR USE

- Pre-clean surface using ZChek Cleaners.
- Apply ZChek-PTW by spray or brush and allow dwell time of 5-30 minutes or follow ASTM E1417 for the further process.
- Remove excess penetrant using water.

PACK SIZES

- Bulk 1 Litre X 8 cans in one carton box - Part #110302
- Aerosol cans of 520ml 12 cans in one carton box - Part #110301

HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets & 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 5years, if unopened & stored as per ZChem recommendations.

Registered office and factory:

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Branch Office:

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BLB-S5-384, Ajman Media City, Ajman, UAE

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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.