

Inspection Certificate (In accordance with EN 10204 Type-3.1)

Product: ZChek- WP

White Contrast Paint

Batch No.: 250413

Mfg. Date: 04/25

We certify that the above product, when tested at the time of manufacturing meets the following requirements

- *ASME Boiler and Pressure Vessel Code 2010, 2013, 2017, 2019, 2021 2023 Edition section V, Nondestructive Examination including, Article 7, including 2005, 2006, 2008, 2009b and 2011a Addenda, paragraph T-731 and Article 25 as applicable.*
- *EN ISO 9934-2-2015.*

Parameter	EN ISO 9934-2	Quality requirement	Batch Result
Performance	7.1	Equal to standard	Pass
Color	7.2	Equal to standard	Pass
Flashpoint	7.7	-20 deg.C bulk	-20 deg.C bulk
Sulfur content	7.15	< 200 ppm	24 ppm
Halogen content	7.15	< 200 ppm	31 ppm

- **Internal quality checks.**

Parameter	Internal checks	Quality requirement	Batch Result
Appearance	QC/TP/001	White opaque liquid	White opaque liquid
Viscosity (Ford cup B4)	QC/TP/023	9-15 sec	10.69 sec
Fineness of dispersion (Hegman type gauge)	QC/TP/024	0.0-10 μ	0 μ
Solid content	QC/TP/008	23-27 gm	24.4 gm
Drying test	Visual	Equal to standard	Pass
Spray Test	QC/TP/003	Even smooth film	Pass



Notes

1. Bulk material has a minimum shelf life of 5 years and Aerosol has minimum shelf life of 3 years.
2. The Flash point requirement 7.7 for ISO 9934 is not applicable due to the flammable nature of the aerosol packing. The carrier fluid flash point is -20deg.C
3. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right
4. ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analyzed for Sulfur and Halogens. Lower residues shall be reported.

Signature
Quality Chemist

