

# PFINDER 860

## COLOR CONTRAST PENETRANT

### RED

#### Type II | Sensitivity Level 2



Version 20 | 13.06.2023 | Page 1/1

**DESCRIPTION** PFINDER 860 is a hydrocarbon-free, directly water-washable color contrast penetrant for crack detection of surfaces. PFINDER 860 is readily biodegradable according to ISO 9888 / Zahn-Wellens- EMPAtest (OECD 302B). Details and test reports are available on request. Due to its removability PFINDER 860 provides only a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications. PFINDER 860 is qualified for penetrant testing at temperatures between - 20 °C to + 100 °C (temperature of work part) according to EN ISO 3452-5 and EN ISO 3452-6. Penetrant type according to DIN EN ISO 3452-1. Use: Type II, Method A + C, Form a,b,c, e,f. **APPLICATION** The capability of the penetrant system should be checked regularly by means of own reference pieces or e.g. reference test block 2 according to EN ISO 3452-3. Process description according to DIN EN ISO 3452-1.

For applications at temperatures below + 10 °C and above + 50 °C, penetration time has to be adapted as follows: + 100 °C to + 50 °C: penetration time up to 10 minutes + 50 °C to + 10 °C: according to DIN EN ISO 3452-1 and EN ISO 3452-2 + 10 °C to 0 °C: usual penetration time x 2 0 °C to - 10 °C: usual penetration time x 3 - 10 °C to - 20 °C: usual penetration time x 4

Values are referring to the temperature of the working part. Aerosol spray cans must not be warmed up above + 50 °C.



#### YOUR GREEN NDT BENEFITS

- | Readily biodegradable – no waste water treatment required
- | Nearly odourless
- | Free of aromatics and azo compounds



#### YOUR HANDLING + COST SAVING BENEFITS

- | Bright, sharp indications with high contrast
- | Easy rinsability = low background fluorescence
- | Reduced consumption due to low viscosity

#### APPROVALS & CONFORMITIES

The product conforms to these specifications / is suitable for the use according to:

EN ISO 3452-2 | 3452-5 | 3452-6 |  
VDA 236-150 | ASTM E165 | ASTM  
E1417 | ASME V Art. 6

Low content of sulfur and halogens according to EN ISO 3452-2.

#### PACKAGING

500-ml-spray can (for 360° application) | 5-l-canister | 200-l-drum

These packages are on stock and instantly available. Other packages on demand.

#### SHELF-LIFE & STORAGE

3 years

Storage between + 5 °C and + 45 °C.  
Shake or stir well before use!

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C*	DIN 51757	kg/mm <sup>3</sup>	approx. 929
Viscosity/20 °C*	ASTM D7042	mm <sup>2</sup> /s	approx. 11,13
Flash Point*	EN ISO 2719	°C	> 97
Productivity	500ml Aerosol spray can	m <sup>2</sup>	up to 10



\* Data of product packaging in aerosol spray cans might differ.

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