

PFINDER 860

COLOR CONTRAST PENETRANT

RED

Type II | Sensitivity Level 2



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DESCRIPTION

PFINDER 860 is a directly water-washable color contrast penetrant (red) for crack detection of surfaces. 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 + 90 °C (temperature of work part) according to EN ISO 3452-5 and EN ISO 3452-6.

Penetrant type II according DIN EN ISO 3452-1.
Use: Type II, Method A+C, Form e.

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 EN ISO 3452-3.

Process description according DIN EN ISO 3452-1 see www.pfinder.com.

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 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

- | Nearly odourless
- | Free of aromatics and azo compounds
- | Aerosol spray can with minimized carbon footprint



YOUR HANDLING + COST SAVING BENEFITS

- | Bright, sharp indications with high contrast
- | Easy rinsability = low background
- | 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 |
VDA236-150 | ASTM E165 |
ASME V Art.6 | PMUC

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 ³	approx. 929
Viscosity/20 °C*	ASTM D7042	mm ² /s	approx. 11,13
Flash Point*	EN ISO 2719	°C	> 97
Productivity	500ml Aerosol spray can	m ²	up to 10

* Data of products packaged in aerosol spray cans might differ.