PFINDER 860

COLOR CONTRAST PENETRANT

RED

Type II | Sensitivity Level 2

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-EMPA test (OECD 302 B). Details and test report 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 + 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 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 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:
+ 90 °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

- 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
- 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 | ASTM E1417 | 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 stirr well before use!

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C*	DIN 51757	kg/mm³	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.

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