

DESCRIPTION

PFINDER 860 is a directly water-washable colour 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-ndt.com.

For applications at temperatures below +10°C and above +50°C, penetration time has to be adapted as follows:

- +100°C bis +50°C: penetration time up to 10 minutes
- +50°C bis +10°C: according DIN EN ISO 3452-1 und EN ISO 3452-2
- +10°C bis 0°C: usual penetration time x 2
- 0°C bis -10°C: usual penetration time x 3
- 10°C bis -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
- Applicable in a temperature range of -20°C to +90°C

PACKAGES IN STOCK / STORAGE CONDITIONS

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.

Storage between +5°C and +45°C.



APPROVALS & CONFORMITIES

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

EN ISO 3452-2, 3452-5, 3452-6, ASTM E165, ASME V Art.6, PMUC.

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

Please respect the relevant rules and specifications for your application.

SHELF-LIFE

2 years

TECHNICAL PROPERTIES

| | | |
|-----------------|------------------|---------------------------------|
| Density/20°C* | DIN EN ISO 12185 | approx. 933 kg/m ³ |
| Viscosity/20°C* | ASTM D 445 | approx. 11,3 mm ² /s |
| Flash point* | ASTM D 93 | ≥ 100°C |
| Productivity | 500ml Spray can | up to 10m ² |

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