PFINDER 800

COLOUR CONTRAST PENETRANT

RED + FLUORESCENT

Type II+III / sensitivity level 2

PFINDER KG
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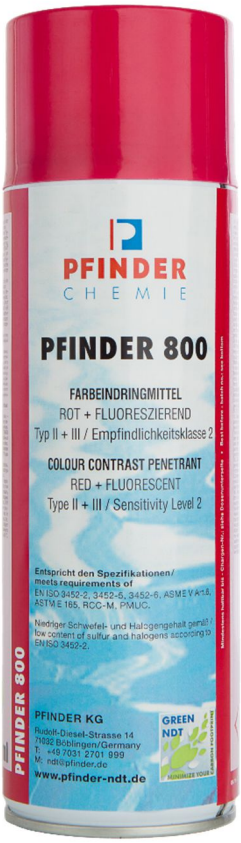
DESCRIPTION

PFINDER 800 is a hydrocarbon-free, directly water-washable and readily biodegradable colour contrast penetrant (red + fluorescent) for crack detection of surfaces. Due to its removability PFINDER 800 provides a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications.

PFINDER 800 is qualified for penetrant testing at temperatures between -20°C to +100°C (temperature of work part) accoring to EN ISO 3452-5 and EN ISO 3452-6.

Penetrant type II+III according DIN EN ISO 3452-1.
Use: Type II+III, Method A+C, Form e.
For details about "Biological degradability of PFINDER penetrants" please refer to the leaflet.



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 15 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

- Readily biodegradable - no waste water treatment required
- Nearly odourless
- Free of aromatics, hydrocarbons, azo and heavy metal compounds
- Aerosol spray can with minimized carbon footprint

YOUR HANDLING + COST SAVING BENEFITS

- Bright, sharp indications with high contrast
- Easy rinsability = low background fluorescence
- Reduced consumption due to low viscosity
- Applicable in a temperature range of -20°C to +100°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, RCC-M.

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

Please respect the relevant rules and specifications for your application.

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.

SHELF-LIFE

3 years
Spray cans:
2 years

TECHNICAL PROPERTIES

Density/20°C*	DIN EN ISO 12185	970 ± 15 kg/m³
Viscosity/20°C*	ASTM D 445	approx. 15,5 mm²/s
Flash point*	ASTM D 93	> 100°C
Productivity	500ml Spray can	up to 10m²

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