Technical Sprays
Special Sprays

Crack Testing Agent Developer



Developing agent for the non-destructive material testing by means of colour penetrant inspection

Colourfast special developer, solvent-based, for colour penetration tests. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

Technical data

Odour		solvent
Colour		white
Specific properties		securely shows material defects
Silicone-free		yes
Minimum shelf life	at room temperature	24 mon.
Temperature resistance		0 °C to +50 °C
Compatible with Double Nozzle		no

Approvals / Guidelines

MIL-Spec	complies with	MIL-SPEC I-25135D

Application

1. Thoroughly remove grease, oil or other contaminants from parts with WEICON Crack Testing Agent Cleaner and dry them off. The flawed areas must be open towards the surface.

2. The processing temperature should be between 0°C to +50°C. Apply WEICON Crack Testing Agent Penetrant to the cleaned and dry surface and allow to take effect for 15 minutes.

3. Remove excess penetrant from the surface with a lint-free cloth and slightly moistened with WEICON Crack Testing Agent Cleaner.

4. Apply WEICON Crack Testing Agent Developer from a distance of approx. 20 cm. Spray on just enough developer to create a white background on the surface. Too much developer can hide fine cracks! After a short time, cracks and defects become visible as red lines and dots. After 5 - 10 minutes, make the final visual inspection.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10047462 Crack Testing Agent Developer, 500 ml, white

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Note
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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