

Crack Testing Agent Penetrant



Penetrant for the non-destructive material testing by way of colour penetration process

Red diffusion agent with excellent penetration characteristics for the non-destructive material testing - washes off with solvent. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

Technical Data

Colour	red
Odour	solvent
Temperature resistance	0 to +50 °C
Shelf life (minimum)	24 Monate
Special features	very good penetration properties

Processing

1. Parts have to be cleaned thoroughly from fat, oils or other contamination with WEICON Crack Testing Agent Cleaner and allowed to dry. The flaws have to be open toward the surface.
2. The processing temperature is in the range of 0°C to +50°C. Apply WEICON Crack Testing Agent Penetrant to the cleaned and dry surface and allow to react for 5-10 minutes.
3. Remove excess Penetrant from the surface with a lint-free cloth slightly moistened with WEICON Crack Testing Agent Cleaner.
4. Spray on WEICON Crack Testing Agent Developer from approx. 20 cm distance. Only spray on just enough Developer to produce a white background on the surface. Too much developing agent can cover fine cracks! Cracks and flaws become visible as red lines

and dots after a short time. Perform final visual assessment after 5-10 minutes.

Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

Safety and health

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

Available sizes:

11690500 Crack Testing Agent Penetrant 500 ml

Accessories:

11691500 Crack Testing Agent Developer 500 ml
 11692500 Crack Testing Agent Cleaner 500 ml
 11850200 Hand Protective Foam 200 ml

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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