

Crack Testing Agent Penetrant



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:

11690500-35 Crack Testing Agent Penetrant 500 ml

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

Odour	solvent
Features	very good penetration properties
Storage stability	24 months
Colour	red
Temperature resistance	(+32°F) 0 to (+122°F) +50 °C

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 (+32°F) 0 to (+122°F) +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.

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.

WEICON GmbH & Co. KG
(Headquarters)
Germany
phone +49 (0) 251 9322 0
info@weicon.de
www.weicon.de

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae
www.weicon.ae

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca
www.weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr
www.weicon.com.tr

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com
www.weicon.com.ro

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za
www.weicon.co.za

WEICON South East Asia Pte Ltd
Singapore
phone (+65) 6710 7671
info@weicon.com.sg
www.weicon.com.sg

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz
www.weicon.cz

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es
www.weicon.es

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it