



Penetrant Testing

Product information
MR[®] 703 W Developer white



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water based
for penetrant testing according to EN ISO 3452-1:2013

General appearance and composition:

- Water based developer free of solvents for red penetrant testing, form c according to EN ISO 3452-1:2013
- Processing temperature +10 to +120°C
- Water hazard class 1
- No declaration of hazardous ingredients – ECO-LINE

Relevant approvals and specifications

- Sample testing acc. to DIN EN ISO 3452-2:2006
- Low content of halogens and sulphur according to EN ISO 3452-2:2006 and ASME Code V, Section V, Article 6, T-641
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas

Application:

- Remove tinder, rust and other contaminations from surface in a suitable manner. A possible precleaner for removal of oils or fats is e.g. our remover MR[®] 79. Do not use cleaners based on mineral oil!
- Apply MR[®]-Penetrant red and fluorescent or MR[®]-Penetrant fluorescent to the part to be tested either by spraying, brushing, flooding or dipping. Allow to penetrate for at least 5 minutes.
- Remove excess MR[®] Penetrant with water from surface.
- Spray MR[®] 703 W Developer white from a distance of approx. 20 cm on the dry surface, achieving a thin, uniform layer. For application we recommend our spraying units MR-Air-Electronic or M-Air-Compact.
- Surface defects will appear as red indications on a white background or fluorescent under UV-light. Please note: If the developer layer is too thick tiny discontinuities will not appear through the developer.

Minimum shelf life:

- Will keep for a minimum of 1 year, stored at room temperature
- Protect against frost!

Pack sizes:

- 1 L, 10 L, 50 L