



Penetrant Testing

Product information
MR[®] 70 Developer white



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for Penetrant Testing acc. to EN ISO 3452-1 and EN ISO 3452-6

General appearance and composition:

- Solvent removable developer for red and fluorescent penetrant testing form d and e according to EN ISO 3452-1
- Water mixable
- Dries quickly
- Processing temperature **-30 °C to +50 °C**
- Aerosol overhead sprayable

Relevant approvals and specifications

- Sample testing acc. to EN ISO 3452-2 and EN ISO 3452-6
- Low content of halogens and sulphur according to EN ISO 3452-2 and ASME Code V, Section V, Article 6
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas, admitted by Framatome ANP
- Produits et Matériaux Utilisables en Centrales (PMUC)
- TLV 9017 01:2011-01

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.
- Apply MR[®] Penetrant 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 from surface either using water or a clean lint-free cloth lightly moistened with an MR[®] Remover.
- Spray MR[®] 70 Developer from a distance of approx. 20 cm on the dry surface, achieving a thin, uniform layer. Depending on the used penetrant, surface defects will appear as red or fluorescent indications. Please note: If the developer layer is too thick tiny discontinuities will not appear through the developer.
When using a spray gun connected to compressed air it must be ensured that the supplied air is free of water and fat.

Minimum shelf life:

- Will keep for a minimum of 4 years, stored at room temperature

Pack sizes:

- Aerosols, 500 ml (1 box contains 12 aerosols)
- 5 L, 30 L
- Valve pen