



RED / WHITE WITH DAYLIGHT

FLUORESCENT WITH UV LIGHT

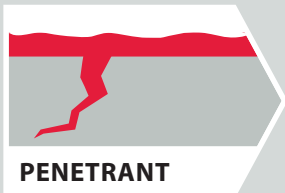


MR[®] Cleaner

Mechanic or chemical preparation and pre-cleaning:

Clean the test area (remove tinder, rust, other contaminations like oil, fat, etc.).
Cracks must be open to the surface.

Drying



MR[®] Penetrant red

Water washable and / or solvent removable penetrant

Penetration time: between 5 and 60 minutes

Application: spraying, brushing, flooding, dipping

MR[®] Penetrant fluorescent

Water washable and / or solvent removable penetrant

Penetration time: between 5 and 60 minutes

Application: spraying, brushing, flooding, dipping



Cleaning

with water: cleaning by rinsing, dipping, wiping
and / or

with solvents (e.g. MR[®] 79, MR[®] 85, MR[®] 88):

- 1) Generally, the excess penetrant shall be removed first by using a clean free cloth
- 2) Subsequent cleaning with a clean lint-free cloth lightly moistened with solvent shall then be carried out

Control of excess penetrant removal regarding penetrant residues

Daylight ≥ 350 lx

UV light ≥ 100 µW/cm² und ≥ 100 lx

Drying



MR[®] Wet Developer

solvent based or water based

MR[®] Dry Developer

Drying when using wet developers

Monitoring the developing process
(duration 10 to 30 minutes)



DAYLIGHT OR SYNTHETIC LIGHT

illumination on surface

min. 500 lx

colour temperature: min. 2500 K, advice > 3300 K

UV LIGHT

illumination on surface

1000 to 5000 µW/cm²

darked room with max. 20 lx

Recording, if necessary: post-cleaning and protection