



	RED / WHITE IN DAYLIGHT	FLUORESCENT WITH UV RADIATION
	MR®- PRE-CLEANER Mechanical or chemical preparation and pre-cleaning: Clean the surface to be tested (free of rust, scale, oil, grease, etc.). Defects must be open to the surface.	
Pre-cleaning	DRYING	
Penetrant	MR®- PENETRANT RED Water washable and / or solvent removable penetrant Penetration time: between 5 and 60 minutes Application: spraying, brushing, pouring, dipping	MR®- PENETRANT FLUORESCENT Water washable and / or solvent removable penetrant Penetration time: between 5 and 60 minutes Application: spraying, brushing, pouring, dipping
	INTERMEDIATE CLEANING	
	<ul> <li>Removal of excess penetrant with a clean, lint-free cloth</li> <li>Removal by rinsing, dipping, wiping with water and/or with solvent (e.g. MR® 79, MR® 85, MR® 88)</li> </ul>	
Cleaning	CHECKING THE INTERMEDIATE CLEANING FOR RESIDUES OF THE PENETRANT	
	DAYLIGHT > 350 LX	UV RADIATION > 100 $\mu W/CM^2$ AND < 100 LX
	DRYING	
	MR®- WET DEVELOPER solvent-based or water-based	MR®- DRY DEVELOPER or MR®- WET DEVELOPER solvent-based or water-based
Development	DRYING	
	<b>OBSERVE DEVELOPMENT PROCESS (duration 10 to 30 minutes)</b>	
	DAILY LIGHT Daylight or artificial light Illuminance on the test surface min. 500 lx	<b>UV RADIATION</b> Irradiation on the test surface 1000 to 5000 μW/cm² darkened room max. 20 lx
Inspection	LOGGING, IF NECESSARY POST-CLEANING AND PROTECTIVE MEASURES	

MR Chemie GmbH | Nordstr. 61-63 | 59427 Unna (Germany) | www.mr-chemie.de Tel.: +49 (0)2303 95151-0 | Fax: +49 (0)2303 95151-10 | e-mail: post@mr-chemie.de