

# Detect+

TRACING AND LEAK DETECTION

**FluoTechnik**  
 FLUORESCENT DYES SOLUTIONS

## DETECT+ PURPLE

The DETECT+ range is perfectly suited for plumbing and pipeline professionals, real estate diagnosticians, leak detection specialists, pool technicians, building experts, hydrogeologists, and any individual wishing to conduct their own research.


**ENVIRONMENTALLY FRIENDLY**

**READY TO USE**

**AVAILABLE IN KIT FORM**

**POWDER DOSAGE**  
 0,1 TO 0,5 G PER LITER

**LIQUID DOSAGE**  
 1 TO 5 ML PER LITER

**FLUORESCENT UNDER UV LAMP**

## MAIN CHARACTERISTICS

**Appearance :** Powder or liquid

**Color in aqueous dilutions :** Fuchsia pink / orange-red fluorescence under UV

**Excitation wavelength :** around 365nm (Fluotechnik Lamp)

### Solubilities :

- Water : Soluble
- Alcohols : Slightly soluble
- Acetone : Very slightly soluble
- White Spirit : Insoluble
- Turpentine : Insoluble

### Lightfastness on textile :

(Blue scale, from 1 to 8) / Pastel tone : 2 / Medium tone : 3 / Dark tone : 3

**Alkali fastness :** 3-4 (scale from 1 to 5)

**Washing fastness (textile) :** 3-4 (scale from 1 to 5)

**Alkaline fastness (textile) :** 1 (scale from 1 to 5)

**Acid fastness (textile) :** 3 (scale from 1 to 5)

**Textile corrosion :** Very low

### Effect of metals (textile) :

- Copper : Slightly duller shade
- Chrome : -
- Iron : Slightly duller shade

## RECOMMENDED MAXIMUM STORAGE DURATION

5 years, in original, hermetically sealed packaging, protected from light, moisture, frost, and heat.

### WARNING!

The information provided is indicative, based on our current knowledge, as of the date indicated; it does not constitute a guarantee. The user must test the product in their specific application and ensure its use complies with the regulations in force for the intended application and the geographical area(s) targeted for the commercialization of their finished product.



## MAIN APPLICATION AREAS

The DETECT+ tracing dyes have been specially designed for :

- ▶ Roof / terrace / balcony / floor covering leak tests
- ▶ Building waterproofing and infiltration checks
- ▶ Wastewater, rainwater, and industrial water flow tests
- ▶ Agricultural spread simulation
- ▶ Hydraulic connection research between natural environment and building
- ▶ Leak detection on civil engineering structures: dam, dike, water reservoir
- ▶ Water infiltration detection on ground, wall, and ceiling
- ▶ Visual marking and buried pipeline connection tests
- ▶ Chemical product dispersion simulation
- ▶ Leak detection on underfloor heating, glycol cooling circuit
- ▶ Leak detection on storage tank

9A Parc d'Activité Bel Air - 84300 LES TAILLADES

+33 (0)4 86 69 63 72

+33 (0)8 21 48 92 85

contact@fluotechnik.com

**FLUOTECHNIK.COM**