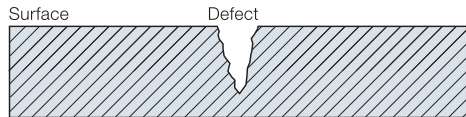


Cracks detection

FLUXO

This non destructive technique allows the detection of cracks opening on the surface of the plate helping a visual control, due to the cracks becoming visible (30 to 50 µm).



A wide range of materials:

Steel, ceramic, plastic, glass...

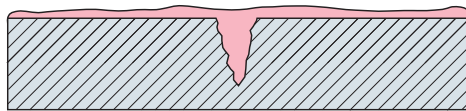
Many industries:

- Boilers maker • Founders • Petrochemical
- Railway • Nuclear • Shipyard • Automotive...



1 - Cleaning

Product: FLUXO S190 - CLEANER



+ Product:

- Perfect cleaning without dry rest.
- Quick drying (evaporation).
- Spray: - Spraying in all positions.

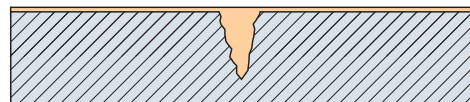
Spray based on Butane (extremely flammable).

Solvent: Heptane.

Necessity for protection (petroleum based) solvent.

2 - Penetrant spray

Product: FLUXO P125 - PENETRANT



+ Product:

- Temperature of use: 0 °C to 50 °C. Easy to use even on hot plates.
- Good impregnation. A single spray lasts more than 30 min without drying.
- Powerful penetration. Due to its viscosity.
- Spray: works in all positions.
- Very good identification of cracks under white light.
- Easy to remove with water. No "ground" noise.

Butane/propane spraying (extremely flammable).

3 - Cleaning

Product: water



4 - Developer

Product: FLUXO R175 - DEVELOPER



+ Product:

- Thin and uniform film and transparent film. After drying the white surface appears.
- Very good surface coverage due to the thin granulometry.
- Quick drying of the solvent included in the developer.
- Spray: works in all position.
- Very good identification of the cracks under white light.

Butane/propane spraying.

5 - Inspection of the defects



Cracks are visible at the surface of the plates, thanks to clear vivid red indications easily seen by the naked eye (no UV light required).