



# CL 8300 CRACK DETECTION SYSTEM 3 IN 1

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## Crack Detection System 1: Cleaner

- Non Chlorinated solvent
- Effective cleaning agent
- Leaves no residue

CL 8300#1 Cleaner was a special formulated solvent which can be spray at any angle. It is designed to clean off all the residue, oil and removal of CL 8300#2 Red Dye Penetrant and CL 8300#3 Developer Spray.

## Crack Detection System 2: Red Dye Penetrant

- Highly Visible red dye
- Deeply penetrate and thoroughly even in microscopic crack
- Easy to use

CL 8300#2 was formulated to check the cracking area by using red dye. It work to check even a micro pinholes that we can't see from human eye.

## Crack Detection System 3: Developer

- High visible white powder
- Easily removed by using solvent and clean water
- Easy to use

CL 8300#3 crack detection system. This specialized white powder indicates surface flaws by showing a rich red "bleed" at the location of the flaw. May be easily removed and reapplied to giver finer indications of the flaw.

## Application

1. Clean up the area to be tested by using CL 8300#1 Cleaner Spray and wipe thoroughly with a clean cloth to ensure the surface is clean , dry and free of contaminations.
2. When the surface is totally dry, CL 8300#2 Red Dye Penetrant to cover the test area and allow a minimum contact time of 10 mins. Finer definitions may require longer contact time.
3. Once the contact time has elapsed, the excess penetrant should be removed from the surface with clean cloth wetted with CL 8300#1 Cleaner.

NOTE : Do not spray the cleaner directly onto the surface as the penetrant could be flushed out of flaws.

4. Apply a thin layer of **CL 8300#3 Developer** to the tested area with minimum 10mins for developer to draw up the Red Dye Penetrant from any flaws or cracks.
5. After apply of the **CL 8300#3 Developer** the suspected area should be flaw out with red dot spot.