# CRACKED CONCRETE REPAIR BY KALMATRON® KF-G

- Surface preparation

1. Spray water with consumption 6 Liters/$m^2$;

- Slurry preparation for crack up to 2 mm wide

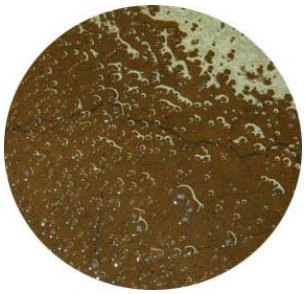
2. Dissolve 300 Gram of KF-G into 1 Liter of water;
3. Add 500 Gram of Cement;
4. Mix up to the slurry consistency;

- Slurry preparation for crack at 3 mm wide

5. Dissolve 300 Gram of KF-G into 1 Liter of water;
6. Add 500 Gram of Cement and 200 Gram of Fine Sand;
7. Mix up to the slurry consistency with W/C = 2.6;

- Application

8. Dispense 2 Kg of slurry onto 1$m^2$ of the damaged concrete.
9. During of slurry dispensing, i.e. simultaneously move slurry by the skid ruler in a mopping manner.



- Adjustments

10. Adjustment of slurry consistency requires when it too stiff to fill up the cracks by simple mopping or too soupy to stay into the cracks by absorbing and seeping through.
11. Practically feasible one time slurry batch should weight at 20 Kg to 40 Kg to get maximal slurry performance.
12. In a case of stiff slurry, add a water into the slurry per 2 Kg as follows: 2 Kg [Slurry] + 200 Gram [Water] during of intense blending with W/C = 3;
13. In a case of soupy slurry, add a cement into the slurry per 2 Kg as follows: 2 Kg [Slurry] + 150 Gramm [Cement] during of intense blending with W/C=2.

- Notice

14. Preparation of the slurry batch at 40 Kg gives maximal effect of plasticity where adjustments provided by blending time.