

CRACKED CONCRETE REPAIR BY KALMATRON® KF-G

• Job site installation

1. Spray water on cracked concrete with consumption at 6 Liters/m²;
2. Prepare at 20 Kg to 40 Kg of KF-G batch of remedial slurry as follows;

• Slurry preparation

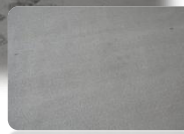
2. Dissolve 300 Gram of KF-G into 1 Liter of water;
3. Add 500 Gram of Cement and 200 Gram of Fine Sand;
4. Mix it up to the slurry consistency [W/C = 2.6];

• Application

5. Unload slurry on the damaged concrete by 2 Kg per 1m².
6. Simultaneously, move the slurry by the mopping technique.



Application KF-G remedial slurry



Polishing is optional

• Adjustments

7. Adjustment of slurry consistency requires when it too stiff to fill up the cracks by simple mopping or too diluted to stay into the cracks because of absorbing and seeping through.
8. The batch of slurry applicable by one pass should weight at 20 Kg to 40 Kg to get maximal KF-G performance with consumption of 2 Kg/m².
9. In a case of slurry is stiff, add water into the slurry per 2 Kg as follows:
2 Kg [Slurry] + 200 Gram [Water] during of intense blending [W/C = 3];
10. In a case of over diluted slurry, add a cement into the slurry per 2 Kg as follows:
2 Kg [Slurry] + 150 Gramm [Cement] during of intense blending [W/C=2].

• Notices

1. Slurry preparation by 40 Kg results in higher batch plasticity penetrable into the cracks. Another advantage is the consistency adjustments mostly provided by the blending time.
2. Consumption of slurry per 1 m² is various and depends on concrete conditions.



Concrete crack > 2 mm



Applied KF-G remedial slurry



After 4 hours



After one pass polishing

