



## • Patching Defective Concrete

Description: Use Krystol Bari-Cote to repair ordinary defects. To repair leaking defects use it with Application Instruction 5.31-Waterproofing Tie Holes & Defective Concrete. Contact your CWP representative for more recommendations.

Limitations: This system is not effective on moving subjects, but is only effective on solid subjects. Contact your CWP representative. The temperature should not be less than 4°C.

Safety precautions: This product is for professional use only, so read carefully the Material Safety Data Sheet. It can be caustic if you mix it with water or perspiration. Keep away from skin or eye contact and breathing its dust. Always wear safety goggles, long sleeves and gloves.

### Step 1:

- Prepare the surface With a chipping hammer and a sharp, flat 25mm chisel rout out the defect so the edges would be squared.
- Wash the area with water. Use high-pressure water blasting or mechanical cleaning in order to remove any release. It is not acceptable to use an acid cleaner. To remove dust, debris or water, use a vacuum.

### Step 2:

- Mix Krystol Bari-Core to a putty consistency (knowing that 4 parts of powder need 1 part of clean water). Make a mixture that will be used within 15 minutes.
- The surface should be in SSD condition before applying Krystol Bari-Core, which means that the pores are filled with water but there is no water on the surface of the concrete. Pre-soak the surface with water, and then use a sponge to remove the water.
- Use a trowel to apply Krystol Bari-Core. If you want to use it for deep patches-thicker than 13mm- mix it with 10mm of pea gravel (knowing that 4 parts of powder need 1.5 parts of gravel and 1 part of water). Repair all defects first, and then mix approximately 6.5 parts powder to 2 parts clean water. Trowel this mixture over the surface to a thickness of approximately 3 mm.

### Step 3:

- During the hardening process heat will increase which may lead to fast drying. That's why protect it by covering it with plastics to protect it from water loss caused by evaporation.
- After hardening, sprinkle water to moisten the repair. Restore surface coverings between each mist. Keep on doing that for at least 48 hours.
- Keep it away from extremely low temperatures for at least 24 hours.