

# KIRC 9000

## Kit Indispensable Repair Concrete

### PROCEDURE

1. Obtain a clear surface, solid and rough. Depth: MIN 1/4 po. (6mm)
2. Obtain a clean surface, dry or wet. KIRC9000 will work
3. Add a little warm water.
4. Hand mix during 10 to 30 sec.
5. Place and trowel. (Can also be self-leveling). Will start hardening within 5 to 10 minutes.

\* **Variables porportions:**  
**1,89L to 2L of water for 20kg (44lbs) of KIRC 9000, depending on the use (anchor, troweling or leveling).**

**Drying time:**  
 15 - 45 minutes

- Rapid setting time – ready for foot traffic in just 15 minutes
- Pre-mixed, one component patch – simple to use – just add water – ready to use
- 9,000 psi (62 mpa) in just 3 hours – hardness and compressive strength achieved in less than 3 hours vs 28 days with most other patches
- Quick setting action and easy finishing – eliminates the need for shutdown of high traffic areas
- Excellent for factory floor or sidewalks repairs – very short disruption time for tow-lift traffic and foot traffic
- Useful for quick repairs to bridges and entrance ramps – minimized traffic delays – less time for repair crews to be exposed to road hazards
- Chemical action produces heat to 80°C (175°F) – usable on extremely cold days – ideal for freezer and external applications
- 110 % stronger than ordinary concrete – far superior to standard concrete patches
- Chemical resistant (also to liquid nitrogen) – ideal for meat packing plants, dairies refrigerated areas, or freezer room floors
- Grey in colour – could be colored

### COMPRESSIVE & FLEXURAL STRENGTH

ELAPSED TIME	COMPRESSIVE STRENGTH	FLEXUAL STRENGTH
1 hour	5,000 - 6,000 psi (34.5 - 41.4 mpa)	300 psi (2.06 mpa)
2 hours	6,000 - 7,500 psi (41.4 - 51.7 mpa)	900 psi (6.2 mpa)
3 hours	7,500 - 9,000 psi (51.7 - 62 mpa)	1,000 psi (6.9 mpa)

**TRACTION STRENGTH:** more than 16,000 psi (110mpa) after 3 hours.

### TECHNICAL DATA

Apparence: powder	Coverage:	20 pi <sup>2</sup> @ ¼po
Odeur: odourless	20kg (44lbs) KIRC 9000	1.86 m <sup>2</sup> @ 6 mm
Couleur: greyish with brown grains		0.41 pi <sup>3</sup>

Limited warranty : Product price would be replaced under certain conditions.



Approved by  
 Agriculture Canada



Surfacing in a food plant with KIRC9000.  
 15min hardening.  
 1h for lifts to roll over..



After