

**TECHNICAL DATA SHEET KALMATRON® KF-C**
**R.F. Patent 2072335**

**KALMATRON® KF-C** is designed for stopping of the pressured leakages above 14 bar of the most known technical liquids and for anchoring of supporting and servicing elements of the concrete and masonry structures.

**KF-C** patching composition applies on structures to enhance water-resistance and resistance to corrosion.

**KF-C** is in use for patching of concrete and marble defects, repair of sculptures, joints of ceramic and metal pipes, to glue broken parts, etc. by highly adhesiveness to the most known building materials.

**KALMATRON® KF-C APPLICABILITY BY HYDRAULIC PRESSURE**

HARDNESS	W [bar]	TYPICAL APPLICATION	APPLICABILITY
Very Hard	14	Buildings, Structures, Sculptures, Structural and Servicing Systems, etc.	●

**KALMATRON® KF-C CONSUMPTION**

KALMATRON® KF-C BATCH INSTALLATION	CONSUMPTION PER A BAG	
	LB	Kg
1 bag of KALMATRON® KF-C	50	22.7
Water per 1 bag ≈ 1.0 GL or 3.75 Liters	8.33	4.12
<b>Total:</b>	<b>58.33</b>	<b>26.82</b>

**PREPARATION & APPLICATION**

1. Add 1 part of water into 4 parts of KF-C powder by the volumes and mix for ½ minute. That ratio might be gradually corrected for the different forms and pressures of leakages on a job site.
2. Make the patches like by 5-7 balls from hot dough of KF-C during of 3 to 5 minutes. Preparation of patches may be done by hands without any damages to skin with normal sensitivity to the cementitious powders.
3. The diameter of patch depends on the size of leaking void. Usually it is at 1/2” to 1” or at 12 mm to 25.4 mm. Fineness of KF-C is allowing to patch cracks narrower than 3 mm.
4. Press the patches one by one into the holes or cracks. For deep application provide pressing of patches by stick. Preferably, begin pressing from the place with lowest liquid pressure. Apply the dough of KF-C until complete filling of voids is achieved.
5. To avoid peripheral leaks around the main patch, apply KF-B layer thick at 3mm or KF-F at 1.5 mm.
6. For patching in underwater conditions apply KF-C that was prepared on a land.
7. Use KF-C at a minimum temperature on the concrete surface not below of 23°F (-5°C).
8. Hardening time is at 15 minutes to 35 minutes in normal conditions.

**ESSENTIALS AND CURING**

1. Applicable in any conditions.
2. After application, do not provide curing procedure.
3. Do not spray water on a freshly applied KF-C surface.
4. Do not cover fresh KF-C with films or blankets.

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