

PATCHCONCRETE APPLICATION

PATCHCONCRETE is a pre-bagged Cementitious Coating with high viscous properties placing in concrete repair applications using the techniques of the spray, or painting by the brush, or rolling. Polishing after is an option as an enforcing treatment.

It is no dilatation, free of shrinkage cracks and no curing after application with minimal thickness at 8 mm or $\frac{5}{16}$ ". Applied as a layer or been casted, it has no expansion in both the plastic and hardening phases without compensation of water. Layer of PATCHCRETE is water impermeable under hydraulic pressure at 8 bar and stable to aggressive environment at pH of <3.

SURFACE PREPARATION

OPTIONAL

1. For chemical adhesion without surface cleaning, prepare Kalmatron® KF-G by dissolution with water as 3 Lbs per 1 GL (300 Gram/1 Liter) respectively.
2. Spray Kalmatron® KF-G by 1 GL per 40 SF (2 Liters/m²) on area of application.
3. Apply PATCHCONCRETE no sooner than after 45 minutes with thickness at 1.5 mm to 5 mm or at $\frac{1}{16}$ " to

PATCHCONCRETE INSTALLATION

1. Batch must be no smaller than 50 Lbs. (22.7 Kg).
2. Turn on mixer and add 0.7 Gallon or 90 OZ [5.9 Lbs.] of water per loaded bag of PATCHCONCRETE.
3. Mix for 5 minutes.
4. The batch will look stiff, but do not add more water.
5. Distribute layer by the screed with vibrator.
6. Hardening time is 4 hours in normal conditions.

ESSENTIALS AND CURING

1. After application, do not provide curing procedure and do not use curing compounds.
2. **Do not spray water** on a fresh PATCHCONCRETE surface.
3. Average of expected results by 28 days:

Compressive Strength is at 5,700 ÷ 7,000 [PSI] or 40 ÷ 49 [MPa]

Tensile Strength is at 1,140 PSI or 8 MPa

Water impermeability is at 1,550 PSI or W12

OTHER FIELDS OF APPLICATIONS

Basements and garages floors, swimming pools, septic tanks, gas stations, agricultural and chemical facilities, parking lots, and everywhere else where surface' hardness and resistance to liquids and gases are required to be the best.