

□ FLOOROCRETE

A self-leveling; three-component modified elastomeric Compound.



DESCRIPTION

FLOOROCRETE is supplied in kit form as 100% solids, self-leveling and three Component modified elastomeric compound. This is developed in use with specially blended Aggregates to repair potholes, bridge decks, driveways, parking decks and industrial floor repair, etc. FLOOROCRETE has the unique ability to absorb energy from impact loads and disperse this energy throughout the Header material; reducing cracking and spalling. It has excellent adhesion to concrete. Provides excellent resistance to moisture and abrasion, along with very good solvent, chemical, and oxidation resistance.

FEATURES

- Self-Contained Kit
- No special equipment is required, can be mixed by 3/8" drill.
- Rapid Cure Time
- Excellent Chemical resistance

BENEFITS

- Easy Installation
- Reduced Labor cost
- Resume traffic in 1hrs time
- Good impact and resilience

APPLICATION

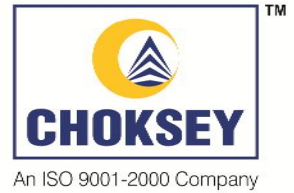
Pothole/chuckhole spall-repair (2" min depth)
Nosing material in expansion joints

LOCATIONS

- Bridges/Highways/Runways
- Parking Decks
- Road (concrete)
- Substrate - concrete Industrial Floor

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ADVANTAGES

EASY INSTALLATION:

Larger unit size has better pour consistency, reduced mixing & Installation time. Decreased labor costs.

RAPID CURE TIME:

FLOOROCRETE allows for those under strict time constraints to resume traffic within an hour of installation at 77°F.

TOUGHNESS:

FLOOROCRETE is a modified urethane system which provides the material tremendous physical properties allowing the Elastomeric concrete to detect under load without destroying its matrix.

SURFACE PREPARATION:

NEW CONCRETE:

New concrete should cure 80% of the design strength. Concrete should be at a minimum 14 days old. Sandblasting with medium grit sand is the preferred method of surface preparation. Mechanically grinding the surface is acceptable but only when sandblasting is not possible. The surface should be prepared as to add a pro le to the new concrete. New concrete should then be primed with SPECIAL PRIMER FOR FLOOROCRETE

EXISTING CONCRETE:

Existing concrete should be cleaned of all oils, greases, dirt, waxes, existing coatings, curing compounds, heavy laitance and sharp edges. Sandblasting with medium grit sand is the preferred method of surface preparation. Mechanically grinding the surface is acceptable but only when sandblasting is not possible. The surface should be prepared as to add a new pro le to the concrete.

PRIMING:

Prior to mixing and placing the elastomeric concrete, please prime the substrate(s) Coming in contact with the elastomeric concrete. Both vertical and horizontal surfaces should be primed with our SPECIAL PRIMER FOR FC. Should be applied using a paint brush. The material should be applied in a single coat.

MIXING:

Kits contain 3.0 Kg. of PART A and 1.5 kg. Of PART B with a 5.5Kg. Pail of Part C (E- Crete Aggregate.) Using a drill and spiral mixing paddle, pre-mix A & B components until uniform (approx.60-90 seconds). Immediately remove contents from C and add to above and continue mixing until no dry material appears. Once mixed, the material can be poured into the block out/hole while the primer is still wet.

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An ISO 9001-2000 Company

The material is self-leveling. Trowel finish as desired. For additional instructions see the "Installation Instructions for Elastomeric Concrete" data sheet.

LIMITATIONS:

Do not install below 10°C atmospheric temp and surface temp. Material is self-leveling. Contact Chase for installation procedures on super elevations. Material should not be installed in wet environment/standing water. Elastomeric concrete must be structurally supported by concrete, steel or other material

AVAILABILITY:

Kit Size – Total Kit of 10 Kg in which

Part A – 3.00 Kg

Part B – 1.50 kg.

Part C – 5.50 Kg Aggregates.

Colors: After mixing -Concrete Grey (**Mixed Specific Gravity of FLOOROCRETE is 1.75**)

Formula to Calculate theoretical Coverage – No.of running meters of work will be completed in 1 Kg material Can be calculated by a formula $571 / \text{Width X Depth in mm}$

CLEAN UP

Use Xylene or Toluene as an Equipment cleaning solvent.

STORAGE

DO NOT ALLOW PRODUCT TO FREEZE. Store in a dry area at temperatures between 50°F and 95°F (10°C - 35°C) in the original unopened containers.

CAUTION

Direct contact with skin should be avoided. Protective clothing, goggles and gloves are recommended. In case of contact with eyes, wash immediately with water and report to a doctor. **FATAL IF TAKEN INTERNALLY.**

FLOOROCRETE is moisture sensitive. Prime all surfaces prior to installation. Do not install product unless initial cure can be reached prior to rain fall.

FLOOROCRETE Aggregate (Part C) is specially formulated and must be dry prior to mixing. Parts A & c must be pre-mixed first and then add part B.