

InstaCrete Epoxy Putty

Concrete Repair

INSTACRETE is a hand kneadable, fast curing epoxy putty that mixes in one minute to provide permanent repairs to concrete. **INSTACRETE** can be drilled, sawed, sanded, filed, tapped, machined or painted. **INSTACRETE** is specially formulated to have the same appearance and texture of concrete when cured. It comes in a "tootsie-roll" form with the curing agent encapsulated in the contrasting color base material. Its putty consistency eliminates drips and runs providing "no mess" applications with no tools required for use.

FEATURES & TYPICAL USES:

After proper mixing, **INSTACRETE** can be used for 1,001 industrial purposes including repair and replacement of ceramic tiles, patching chipped concrete, floors, brick, blocks; sealing tie rod holes; anchoring, and many more applications

SURFACE PREPARATION & APPLICATION:

Surface Preparation: In order to achieve optimum adhesion, surfaces should be clean and free of grease and dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond. **Mixing:** Twist or cut off required amount. To mix, knead with fingers to a uniform color. If mixing is difficult, warm **FASTSTEEL** to room temperature or slightly above. Apply to the surface to be repaired (within two minutes of mixing). Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. Warming **FASTSTEEL** or applying to warm

Surface Preparation: In order to achieve optimum adhesion, surfaces should be solid, clean and free of grease and dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond. Degreasers such as mineral spirits or isopropyl alcohol are effective. See manufacturer's MSDS for safety precautions when using solvents or degreaser. **Mixing:** Twist or cut off required amount. Replace the foil disc on the exposed end of the unused stick after cutting to decrease skinning of the interior curing agent. To mix the cut off portion, knead with fingers to a uniform color. If mixing is difficult, warm **INSTACRETE** to room temperature or slightly above. Apply to the surface to be repaired within two minutes of mixing. Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 10-15 minutes the epoxy will begin to form a tenacious bond. After just 60 minutes, **INSTACRETE** can be drilled, sawed, carved, sanded, stained, or painted.

CAUTION:

When mixing by hand, **INSTACRETE** does not cause skin irritation to individuals with normal skin sensitivity. Individuals with extra-sensitive skin should wear thin plastic gloves. **WARNING:** May cause irritation to sensitive skin. Wash hands with soap and water after use. Eye irritant. In case of eye contact, flush with water. Contact physician. May be harmful if swallowed. Keep out of reach of children. When sanding cured putty or substrate, use protective eye wear and dust mask. Not intended for use in structural applications. Turn off power when doing electrical repairs.

MANUFACTURED BY:

NUCO INC. T: 519.823.4994 TF: 1.800.853.3984
150 Curtis Drive F: 519.823.1099 E: sales@nucoinc.com
Guelph, ON N1K 1N5



FEATURES:

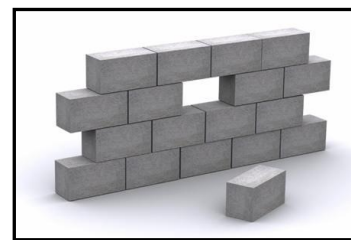
- Steel-enforced.
- Quick set up.
- Easy to use.
- Adheres to many substrates.
- Ideal for concrete and other masonry products.
- Paintable.

AVAILABLE SIZES & COLOUR:

- 7/8" diameter sticks
- 3-1/2" (2 oz.) length.
- 7" (4 oz.) length.
- Packed in a reusable clear plastic tubes
- Bulk packed in quantities of 24 sticks per case.
- **Available Colour:** Concrete grey colour after cure.

PATENTS:

- U.S.: 3,708,379; RE 30,843; 3,837,981
- Canada: 993,169
- Japan: 899,724
- W. Germany: 2,322,806
- United Kingdom: 1,452,785



InstaCrete Epoxy Putty Concrete Repair



EPOXY PUTTY STICK TECHNICAL DATA SHEET

WARRANTY INFORMATION:

NUCO Inc., warrants only that its product will meet its specifications. NUCO shall in no event be liable for incidental or consequential damage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

TYPICAL PROPERTIES:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
Work Life, minutes:	4 – 7
Shelf Stability @ 23°C (75°F) Months (minimum):	24
Hardness, Shore D (full cure, 24 HR), (ASTM D 2240):	75 – 85
Lap Shear Tensile Strength, ASTM D 1002:	
On Steel (1" x 1" x 1/16"), lbs (full cure, 24 hours)	500 – 500
On Concrete:	Concrete failure
Compressive Strength, lbs/in (ASTM D 695):	12,000
Shrinkage, %, ASTM D 2566:	1
Non-Volatile Content, %:	100
Prox. 5/16" Bolt Pullout, Dennison Block Test:	2 tons
Dielectric Strength, volts/mil, ASTM D 149:	300
Temperature Limitations, °F:	
Continuous:	121°C (250°F)
Intermittent:	160°C (320°F)
Chemical Resistance, UL 698:	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases.

DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS OF SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

MANUFACTURED BY:

NUCO INC. T: 519.823.4994 TF: 1.800.853.3984
 150 Curtis Drive F: 519.823.1099 E: sales@nucoinc.com
 Guelph, ON N1K 1N5

