



Stone Grip™ cc-146

Injection mortar for repair, adhesion and anchoring

Description:

Stone Grip™ is a high-performance, styrene-free, epoxy acrylate resin-based injection mortar designed for solid and hollow substrates with a short curing time. For anchoring rebar, screws, expansion joints, and building elements.

Especificaciones:

División 3:	
Anclaje en hormigones	03 31 51
División 4:	
Anclaje en mamposterías	04 08 00

Product Advantages:

- Applied with a caulking gun.
- Easy to extrude and inject.
- Styrene-free.
- Very low odor.
- Adheres to metal, concrete, and stone.
- Applied on horizontal or vertical surfaces.
- For securing heavy loads or their elements.
- Repair or bonding mortar.
- Anchoring rebar, expansion joints, screws, etc.
- Excellent anchoring to precast bricks.

Performance Properties:

Compressive Strength:	8,845 psi
ASTM D-624	61 MPa
Compression Module:	1,073,000 psi
ASTM-D-624	7,400 MPa

Uses:

Designed for injecting and filling all types of voids and/or for anchoring rebar, screws, expansion joints, or building elements in concrete walls and ceilings. It is suitable for use on concrete, stone, perforated brick, and hollow block in a wide range of applications, including:

- Construction wood
- Metal elements or sheet metal
- Pipes, railings, gates, windows, etc.
- Sanitary fittings
- Decorative elements on facades

Product Data:

Tipo de Producto:	Epoxi Acrilato
Color:	Mezclado es Gris (Parte A: crema; Parte B: negro)
Densidad:	15.027 lb/gal. (1.80 kg/l) aprox.
Tiempo de Trabajo y Curado:	
Temperatura base:	35 a 95 °F
Tiempo de trabajo:	45min. a 2min.
Tiempo de curado:	3hr. a 15 min.
Punto de Inflamabilidad:	127.4 °F (53 °C)
COV:	N/A

Disclaimer: The technical information included in this document is accurate and correct to the best of our knowledge. All published technical information and instructions are subject to change without notice.

Anchors per diameter:

Number of anchors per pipe according to the diameter of the hole.

Diameter	Amount of anchors by tube
1/4"	80 a 90
1/2"	26 a 30
5/8"	14 a 16
3/4"	6 a 7

Anchors per 11.5 fl. oz.

Use and Application:

- Unscrew the cartridge cap.
- Cut/remove the metal tip and ring.
- Screw the mixing tip onto the cartridge.
- Insert the cartridge into the gun.
- Press until the two components acquire a uniform light gray color in the nozzle (avoid using the first 10 ml).
- Choose an auger of appropriate size depending on the rod to be anchored.
- Remove water and dirt (dust and loose material) with a circular brush and a blower or with compressed air.
- For solid material, fill the hole 2/3 full from the base.
- Insert the element, turning if necessary.
- Secure the rod or screw in the desired position.
- The elements to be fixed must be clean.
- For a solid base material, inject the product from the bottom of the hole until it is 2/3 full.
- Insert the element to be fixed, turning it; if necessary, hold it in position with a suitable device.
- Unscrew the mixing nozzle and replace the cap.

Surface Preparation:

The surface and edges of the area must be sound, clean, dry, and free of dust, oil, grease, or other contaminants that could impede product adhesion.

It is recommended to clean the joint using mechanical means such as compressed air or suction to avoid contamination.

Storage and Shelf Life:

Store in a well-ventilated area between 41°F (5°C) and 77°F (25°C). Avoid direct sunlight. Use within one month of opening. Shelf life of unopened container: 1 year from manufacturing date.

Before use, check the expiration date, substrate strength, and ambient temperature. Adjustments may only be made during work hours.

Danger/Warning:

Safety Measures: Ensure good ventilation in the workplace. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Ground the container and receiving equipment. Use only non-sparking tools. Take precautions against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene Measures:

Wash contaminated clothing before reuse. Do not eat, drink, or smoke while using this product. Always wash your hands after handling.

Warning:

In case of exposure: Call a physician immediately.

Inhalation: Remove the person to fresh air and keep comfortable for breathing.

Skin Contact: Rinse skin with water or shower. Immediately remove all contaminated clothing. If skin irritation occurs: Consult a physician.

Eye Contact: Rinse with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Consult a physician.

First aid measures if swallowed: Do not induce vomiting. Consult a physician immediately.

For more information and in case of spills, consult the safety data sheet (MSDS).

Notice: To the best of our knowledge, the technical information included is accurate and correct. Published technical information and instructions are subject to change without prior notice. This is the sole responsibility of the user.

Notice: To the best of our knowledge, the technical information included is accurate and correct. Published technical information and instructions are subject to change without notice. It is the user's responsibility to perform the necessary tests for proper use and application. For specialized uses or when questions arise regarding the use or application of this product, consult Lanco.

www.lancopaints.com

In case of chemical emergencies, call ChemTrec at 1-800-424-9300 (USA) or 1-703-527-3887 (International).

Limitations and further information:

Read the Safety Data Sheet before use.

Visit www.lancopaints.com.

Protect from freezing.

