



# INSTANT ANCHORING CEMENT

Quick-setting anchoring cement compound used for setting poles, railings, bolts, and fixtures in concrete or masonry

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## PRODUCT DESCRIPTION

Akona® Instant Anchoring Cement is a quick-setting anchoring cement compound used for setting poles, railings, bolts, and fixtures in concrete or masonry. Suitable for interior or exterior use. Expands as it hardens to set securely and lock in place for strong support. Any metals that will corrode when exposed to wet cement, such as aluminum, must be protected.

## WHEN/WHERE TO USE

- Interior and exterior repairs
- Sets handrails, bolts, poles, and fixtures
- Concrete or masonry

## ADVANTAGES

- Expands as it hardens to set securely
- Sets in approximately 20 minutes
- Add water, mix, and use

## AVAILABLE SIZE

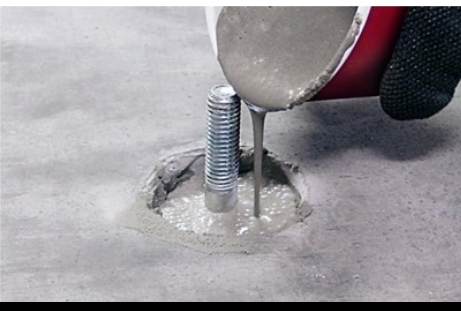
- 10 lb. (4.5 kg) bag (BOM #102645)

## COVERAGE

1 lb. fills approximately 17 cu. in. (279 cm<sup>3</sup>) or anchors 2 fixtures in a 2 in. (5 cm) diameter hole with a depth of 2 in.

## PREPARATION

Read all directions before starting work. Remove all loose or unsound materials. Thoroughly clean surface of dirt, dust, grease, paint, or other contaminants before patching, topping, or placing overlays. Surface to be anchored must be solid. Drill and remove all loose materials from the hole. Ensure that the hole is large enough to allow cement to flow between fixture and concrete. Typical hole



### Helpful Items:



Brush Safety Glasses Cleaner Pail Hand Mixer Gloves

clearance is a minimum of 1 in. (2.5 cm) larger than the fixture being anchored. Hole should be at least 2-4 in. (5-10 cm) deep. Increased depth will also increase the pull-out strength. For best results, do not apply when temperatures will drop below 40°F (4°C) within 48 hours of application. Materials should be stored between 40°F-80°F (4°C-27°C) 24 hours prior to installation. Protect application from freezing for 48 hours.

**Note:** Always flush hole with clean water just prior to application, remove any unabsorbed puddles of water, leaving the hole damp.

## MIXING

Mix approximately 2 fl. oz. (.06 L) of water to 1 cup (200 g) of Instant Anchoring Cement (approximately 5 parts powder to 1 part water, or 1-½ pt. water with one 10 lb. bag). Always add powder to liquid to avoid lumps. Mixture will be a thick batter-like consistency. Additional water will reduce strength, adhesion and long term durability. When anchoring into walls, use less water to form a much stiffer putty-like consistency. Use water only, a bonding additive is not recommended. Hot water will accelerate setting. Mix to a uniform consistency by hand or use a mechanical mixer until a pourable consistency is reached. Avoid high speed mixing which can entrap air into the mixture. Mix only the quantity that can be applied within 20 minutes.

## APPLICATION

Place item to be anchored in the hole and stabilize from movement while pouring Instant Anchoring Cement mixture into the hole. Compact patch, as needed, to ensure solid contact with fixture and to release any entrapped air from the cement mixture. If area is subject to water, taper the mixture to direct drainage away from fixture. Let set for 1 hour minimum before applying torque to bolt or fixture.

## CLEAN UP

Typically water will satisfactorily clean tools after using. If the material has begun to harden, warm soapy water may be helpful for cleaning hands and tools. Dried material will require mechanical removal.



**WARNING: INJURIOUS TO EYES**

**KEEP OUT OF REACH OF CHILDREN**

## IMPORTANT NOTES

- Rubber gloves and goggles are recommended safety equipment
- Do not add any materials other than clean potable water
- Use only clean mixing container and tools
- Store in tightly closed container off the floor in a dry place
- As with all cementitious materials, avoid contact with aluminum to prevent adverse chemical reactions and possible product failure

*Proper application and installation of all AKONA products are the responsibility of the end user.*

## WARNING

Always read the product SDS and cautionary statements on product container prior to application. Wear proper protective gear as advised on the label and/or SDS. Wash hands thoroughly with warm, soapy water after handling or before eating. Do not take internally. **KEEP OUT OF REACH OF CHILDREN.**

## WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The





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foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

## **ENVIRONMENTAL ADVISORY**

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.