



INSTANT POST CEMENT

Use to set metal, wood, and plastic fence posts

1. PRODUCT NAME

Akona® Instant Post Cement

2. MANUFACTURER

TCC Materials
 2025 Centre Pointe Blvd.
 Mendota Heights, MN 55120 USA
 Phone: 1.651.688.9116
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3. PRODUCT DESCRIPTION

Akona Instant Post Cement is used for quick setting of all metal, wood and plastic fence, mailbox, basketball, and swing-set posts. This product does not require pre-mixing prior to use. Instant Post Cement is not designed to be used for footings or structural supports.

Features and Benefits

- No mixing required, pour dry into hole
- Fast setting - sets in minutes
- Just add water

When/Where to Use

- Fence posts
- Mail boxes
- Basketball poles
- Swing sets

4. TECHNICAL DATA

- ASTM C109/C109M Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2 in. (50 mm) Cube Specimens)

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤

Typical Values • Akona Instant Post Cement	
Initial Set Time	Approximately 10-20 minutes
Final Set Time	Approximately 60 minutes
Water Requirement	1 gal (3.8 L)
Compressive Strength ASTM C109 (air dry)	
28 days	> 2,500 psi (17.0 MPa)

Note: Test results obtained under controlled laboratory conditions at 72°F (22°C) and 50% relative humidity. Reasonable variations can occur due to atmospheric and job site conditions.

Available Size

- 50 lb. (22.7 kg) bag (BOM # 102631)

Coverage

Approximate Coverage • 50 lb. Bags Needed			
2 in. - 3 in. Post	6 in. Hole Diameter	8 in. Hole Diameter	12 in. Hole Diameter
12 in. Hole Depth	½	¾	1¼
24 in. Hole Depth	1	1½	2½
36 in. Hole Depth	1½	2¼	3¾
48 in. Hole Depth	2	3	5
4 in. Post	6 in. Hole Diameter	8 in. Hole Diameter	12 in. Hole Diameter
12 in. Hole Depth	⅓	⅔	1¼
24 in. Hole Depth	1	1⅓	2¼
36 in. Hole Depth	1	2	3¼
48 in. Hole Depth	1⅓	2⅔	4½

5. INSTALLATION

Preparation

Read all directions before starting work.

1. Use only when the product, air and ground temperatures are between 40°F-90°F (4°C-32°C) within 48 hours of application. For best results keep material cool and out of direct sunlight prior to application. Protect installation from freezing for 72 hours.
2. Dig hole to required depth and diameter (depth should be ⅓ the length of the post or pole and hole should be 3 times the diameter of the pole or post width). Hole should be deeper than the frost line.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

Machine or hand mixing of this product is not recommended due to rapid set time.

Application

1. Place post or pole into the center of the hole. Level and temporarily support post or pole in place.
2. Use approximately 1 gal. (3.8 L) of potable water per 50 lb. bag of Instant Post Cement, no bonding additive is needed. Water amount may vary depending on soil type and conditions.
3. Depending on the number of bags being used, add about ¾ of the required water into the hole.
4. Pour Instant Post Cement into the hole using a circular motion stopping about 3-4" below the ground level. Tamp mixture to remove air pockets.
5. Pour balance of the required water into hole. Re-tamp mixture making sure no dry cement remains. Build up top of cement

mix to a sloped pyramid shape around post so rain or water will not puddle at the base of the post.

6. Any alignment or leveling adjustments of the post should be done within the 10-20 minute set time and prior to setting additional posts.
7. After Instant Post Cement has fully set, fill any remainder of the hole with sod or soil.

Curing

Product should be air-cured, no curing compounds are needed.

Clean Up

Use soapy water to clean hands and tools immediately after use. Dried material must be mechanically removed. Use a waste water hardener (e.g. Congelz® or similar product) for cementitious waste disposal.

Limitations

- Follow all industry standard safety procedures when handling, such as gloves and eye protection. Wear gloves at all times, failure to do so can result in severe burns.
- Dig post hole deeper than frost line.
- Do not use for structural supports.
- Temperature, humidity and soil absorbency may cause the set time to vary slightly. Cooler weather will slightly retard set time – hot weather will slightly accelerate set time.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com

Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Akona brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

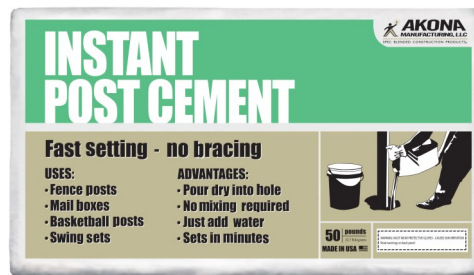
6. AVAILABILITY

To locate Akona products in your area, please contact:

Phone: 1.651.688.9116
 Website: tccmaterials.com

7. WARRANTY

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



Shelf Life	Best when used within one year in original, unopened bags
Storage Conditions	Store dry, cool, out of direct sunlight. Best to condition material to 50-80°F (10°-27°C) before using.
Color	Gray
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	


TCC MATERIALS
SPEC BLENDED CONSTRUCTION PRODUCTS
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