

# ANCORAPID

Fast Setting, Pourable Anchor Cement

## MANUFACTURER:

Empire Blended Products, Inc.  
250 Hickory Lane • Bayville, NJ 08721  
(732) 269-4949 • Fax (732) 269-0497

## PRODUCT DESCRIPTION:

*ANCORAPID* is a fast setting, pourable, non-shrink hydraulic cement for setting bolts, posts, railings and other fixtures in concrete and masonry. It sets stronger than concrete in 15 minutes and is intended for interior use only.

## USES:

- Anchoring bolts, posts and railings
- Patching cracks, breaks and holes in concrete and terrazzo floors, stairs, walls and landings

## ADVANTAGES:

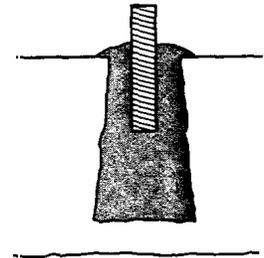
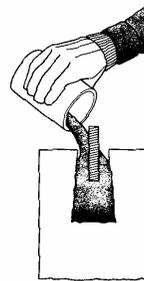
- Superfast set reduces downtime
- Easy to use, just add water and pour
- Tenacious bond to concrete
- Adheres to any object embedded in it
- Contains no corrosive agents, will not damage iron or aluminum
- Will not loosen, crack or shrink under stress, vibration or cold temperature
- Expands as it sets
- Self-leveling
- Two times stronger than concrete

## INSTALLATION:

### Surface Preparation:

In sound concrete or masonry, drill holes large enough to accept the heads of bolts, including their washers. Make certain the hole diameter will allow the material to readily flow between the bolt or post and the wall of the cavity. Drill hole at least 1" larger than the

## ANCHORING POURABLE



object to be anchored and at least 2" deep. After drilling, blow or vacuum out all loose particles to ensure a dust free surface. Dampen the bottom and walls of the cavity but allow no standing water to remain before filling. When used for patching, chisel out damaged areas and clean out all loose dust and particles. If hole is greasy or oily, chip off with a hammer or chisel to get down to clean, firm concrete. Moisten area but do not allow puddles to form.

### Mixing:

Add *ANCORAPID* to clean water in a clean container and mix thoroughly to a pourable batter like consistency. Do not mix more material than can be used in 5 minutes.

### Placement:

Pour a small amount of *ANCORAPID* in the hole and work the object to be anchored into the mix to eliminate any entrapped air. Fill the rest of the hole and bring material above the surrounding concrete to allow for water runoff. Allow *ANCORAPID* to set for 1 hour before applying pressure on the installation. When used for patching, *ANCORAPID* should not be applied less than ½" thick.

### Curing:

*ANCORAPID* is self-curing.

**Coverage:**

For anchoring bolts, rods, dowels and railings:

DIAMETER OF MATERIAL	½"	¾"	1"	1½"	2"
DIAMETER OF HOLE	1½"	1¾"	2"	2½"	3"
DEPTH OF HOLE	1½"	2¼"	2½"	2¾"	5"
ANCORAPID NEEDED (POUNDS)	½	1	1¼	1¾	4

For installing 3" diameter posts:

POST ABOVE GROUND	3'	4'	5'	6'	10'	12'
POST BELOW GROUND	1½'	2'	2½'	3'	5'	6'
DIAMETER OF HOLE	9"	9"	9"	9"	9"	9"
ANCORAPID NEEDED (POUNDS)	40	50	65	80	130	160

100 pounds of *ANCORAPID* will yield approximately 1 cubic foot when mixed with water.

**Packaging:**

Available in 10 pound plastic pails (4 per carton) and 50 pound multiwall paper bags with moisture barrier.

temperature is below 50°F, use warm water for mixing.

**Color:**

Light Gray

**TECHNICAL DATA:**

Vicat Set Time ..... 15 minutes  
Compressive Strength  
  1 Hour.....5070 psi  
  24 Hours.....5300 psi  
  7 Days .....6910 psi  
  28 Days .....7850 psi  
Pullout Strength  
  \_ " bolt in 8" hole.....23,250 lbs. average

**LIMITATIONS:**

Do not apply to frozen surfaces or if temperature will fall below 40°F within 24 hours. When

**CAUTION:**

Contains Portland Cement CAS # 65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, **do not** induce vomiting and get prompt medical attention. May generate enough heat to cause burns if large mass is kept in contact with skin while hardening. **Keep Out Of Reach Of Children.**

**WARRANTY:**

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.