



IPA SYSTEMS

IPATOP ANCHORING CEMENT

Pourable Cementitious Anchoring Compound



IPA SYSTEMS

QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

Description

IPATOP Anchoring Cement is a rapid-setting, early strength, pourable anchoring cement.

Where to Use

IPATOP Anchoring Cement is used for a wide variety of applications that include: Anchoring of wood or metal sign posts, fence posts, parking meters, dowels, rods, setting appliances, machinery, processing equipment, conveyors and other fixtures in concrete and masonry.

Advantages

- ◆ Made in America
- ◆ Fast setting, high strength
- ◆ Non-shrink, non-metallic, non-corrosive
- ◆ Easy to use, economical
- ◆ Pourable

Coverage Rate

1 lb (.43 kg) of Anchoring cement will fill 14 cubic inches

Packaging

50 lb Pail (22.7 kg)
Shelf Life: 1 year in original unopened container

Technical Data

Compressive Strength:	ASTM C 109	1 days	6,140 psi
		3 days	7,460 psi
		7 days	7,075 psi

Length Change:	ASTM C 157	<u>Air Cure</u>		<u>Moist Cure</u>	
		1 day	-.01%	+.01%	
		7 day	-.03%	+.01%	
		28 day	-.07%	+.03%	

Initial set time: 20 minutes
Final set time: 28 minutes

Surface Prep

Substrate to be applied must be cleaned of any film, scale, loose material, oils, grease and any other foreign material that will prohibit bond. Surface preparation must be achieved by mechanical means and methods. A fractured aggregate profile for concrete is preferred. Substrate must be saturated surface dry (SSD) with no standing water.

Mixing

Always use a clean container. Do not use sand or aggregate to extend material. mix 1 quart of cool, clean potable water to every 10 pounds of IPATOP Anchoring Cement. Mix no more Anchoring Cement than can be used in 5 minutes. Always add the powder to the liquid when mixing. mix to a lump free consistency. Do not overwater as this causes bleeding and segregation.

For vertical applications: add just enough water for a putty-like consistency. Keep mixing for 1 1/2 minutes. Allow the powder to fully absorb the moisture until it begins to look like putty.

Follow ACI procedures for cool weather by adding warm water and ACI procedures for warm weather by adding cool water.

IPA SYSTEMS, INC

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Application

When mixed to a fluid consistency, it is necessary to seal any openings where mortar may escape until cement reaches final set. Once the work has begun, it should continue without interruption so the entire area to be grouted is completely filled before the mortar begins to set. Pour the IPATOP Anchoring cement into the hole from one side to ensure even flow of material.

Finishing and curing: Follow accepted ACI curing practices. Exposed surfaces should be cured with a membrane forming curing compound such as IPA's Duricure Sealer

Limitations

- ◆ Minimum material, surface and ambient temperature must be 40°F. Max Temperature is 95°F
- ◆ Do not allow material to freeze

Clean-up

Ventilate area. Confine spill. Collect with absorbent material, flush area with water. Dispose of in accordance with current applicable local, state and federal regulations. Uncured material can be removed with water. Cured material can only be removed mechanically.

Caution

FOR INDUSTRIAL USE ONLY:

Contains portland cement. Do not allow contact with eyes or skin. contains concrete aggregates, sand/gravel. Avoid breathing dust. respirable silica may cause serious lung problems. there is limited evidence silica is a carcinogen. the use of gloves, goggles, and where appropriate, dust masks and other protective clothing is recommended.

Warranty

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantee can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salesperson or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.

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