



ANCHOR-ROCK

HYDRAULIC ANCHORING MIX FOR POST, RAILINGS AND ANCHORS



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Technical Data Sheet



DIV - 3 Concrete Materials Hydraulic Cements

General:

Anchor-Rock is a chloride free fast setting hydraulic cement grout used for setting metals, railing, bolts, machinery anchors and any embedding application where a non-shrink, no corrosion to metal setting grout is needed. It can be extended with clean 3/8" size pea-rock for deeper and wider setting of wood posts in ground applications. It can be added to regular bagged concrete mixes for faster setting.

Installation and uses:

Embedding into horizontal surfaces:

Do not mix more material that can be used in 10 minutes. Drill holes at least one inch wider than the embedding piece. Blow holes of any loose material and dust. Pre soak holes to allow moisture in the concrete cavity for grout to flow and completely fill all gaps and bleed all entrapped air for proper bond.

In ground applications for fences and like settings, open hole twice the size of the wood or metal post to be embedded and at least 24" deep or as per local regulations. Material can be extended by adding 20 pounds of 3/8" moist, washed pea rock per 50 pounds of hydraulic mix for a fast setting mix. Add powder to water, using potable water and mix to a pourable (plastic) consistency then fill flush to the surface. Level and brace until grout hardens. Material will start to set within 10 minutes after addition of water, depending on temperature. Warmer water will accelerate the setting times, cooler water will retard the set. Use approximately 1 to 1-1/2 gals. of clean cool water (70°) per 50# pail.

Vertical and Overhead embedding:

Mix material to a putty-like consistency; start with 2.2 Oz. water per pound. Always use a spray water bottle to moisten the cavity before filling. Fill cavity completely before embedding. Push anchor in place, pressing firmly to fully set in place, making sure all gaps have been filled. Pack surfaces around anchor and clean with a putty knife and dress to clean surrounding surface with a moist sponge for a finished look.

Another method is to create a putty-like shape similar in size to the cavity. This is to pack into, consolidate and embed anchor or bolts to be installed with a suitable tool. Support anchor or item until grout hardens.

Product uses in constant moisture or salt water environments:

Replace 50% of the mix water with Builders **Acrylmax** acrylic admix.

Coverage:

50 pound (22.7 Kg) will yield approximate 750 Cu. In.

Extended: 1050 Cu. In.

Technical Data:

Mixed to proportions:

Initial Set: 15 min. @ 70° (ASTM C-91)

Compressive strength: (ASTM C-109)

1- hour: 2000 PSI

2- Hours: 3000 PSI

24 Hours: 4000 PSI

7- Days: 5500 PSI

Caution:

Generates heat when mixed with water.
DO NOT INHALE DUST. WEAR GLOVES AND EYE PROTECTION WHEN MIXING AND HANDLING.

Clean-Up:

In case of spillage, sweep into appropriate container and dispose of in accordance with all applicable local regulations. Clean area with clean water.
Cured material can only be removed by mechanical methods.

First Aid:

Avoid skin and eye contact. Use Safety goggles, rubber gloves, and use of a NIOSH/OSHA approved dust respirator is recommended. In case of skin contact, Wash immediately with soap & water. For eyes, flush with clean water for 15 minutes and seek help from a physician if needed. Wash clothing before re-use. Cement powder or freshly mixed concrete may cause skin burns.
KEEP OUT OF THE REACH OF CHILDREN.
INTENDED FOR INDUSTRIAL USE ONLY.



Product Safety:

Please follow safety precautions when using products containing Portland cement and silica powders. Avoid creating and breathing dust. Use breathing protection. It can produce alkaline skin burns and breathing dust can cause respiratory irritation.

Wear gloves and protective clothing.

Portland cement and silica dust long term exposure can create a chronic condition known as silicosis. Read all information on the Material Safety Data Sheet for complete information and safe handling.

Warranty: When product is used according to directions and when properly used, warranty is limited to one year after product is supplied to the purchaser in the original container. Refund of the purchase price only if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. with sufficient knowledge and experience on use and proper handling of these products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal of product Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor or direct or indirect and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or user. This product does not contain hazardous or controlled substances considered harmful to the environment.

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FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN AND PETS.

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“THE QUALITY OF OUR COMPANY SHOWS IN IT’S PRODUCTS”

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