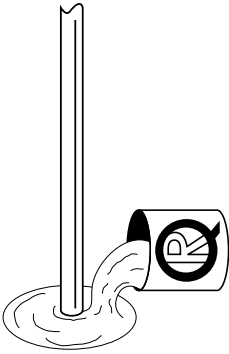


CEMENT/GROUT

Fast Setting Cement Grout	ITEM NUMBER	PRICE EACH	PACKAGE	PALLET QUANTITY	WEIGHT
		1002		Plastic Pail	36
DESCRIPTION QUIK-ROK® is a chemically engineered hydraulic cement which when mixed with water forms a pourable mix whose self-leveling characteristics make it an ideal grouting material. Controlled expansion enables QUIK-ROK® to develop “lock-in” adhesion which can withstand loads in excess of 10,000 psi. It is designed to set within 15 minutes, under normal conditions.					
NOTE: Instructions for Use on Pages 21-3 and 21-4. Read the “Caution” statements prior to use.					



Fast Setting Anchoring Cement Grout

USES

AS A GROUT – In a “Neat” mix of QUIK-ROK® and water only

- Anchoring galvanized fence post
- Grouting parking meters and sign posts
- Precision grouting and leveling of heavy machinery indoors
- Grouting of anchor bolts, dowels, etc. indoors only

WARNING

Quick-Rok® is not to be used for anchoring balcony railings or other similar life safety structures.

AS AN ADDITIVE – In a concrete mix of Portland Cement, aggregate, and sand.

NOTE: Follow directions on Page 21-4

- Increasing set-time and compressive strength of Portland Cement
- Setting of fence posts

ADVANTAGES

- | | |
|------------------|--|
| 1. Pre-mixed | 5. Exceptional one hour compressive strength |
| 2. Fast Set | 6. Non-shrinking |
| 3. Pourable | 7. Non-metallic |
| 4. Self-Leveling | 8. Inorganic |

QUIK-ROK® AMERISTAR®

CEMENT/GROUT

PACKAGING

QUIK-ROK® is supplied in 52.5 lb. pails.

PHYSICAL PROPERTIES

Color:..... Gray
 Set Time:..... 7-9 minutes
 Expansion:..... 0.2% maximum

COMPRESSIVE STRENGTH

One hour wet:..... 6,000 psi
 One day dry:..... 9,000 psi
 Ultimate:..... 14,000 psi

INSTRUCTIONS FOR USE:

AS A NEAT MIX FOR ANCHORING:

Core-drill a hole using the applicable dimensions from Table 1 below

Diameter of Material	1/2"	3/4"	1"	1-1/2"	2"
Minimum Diameter of Hole Needed	1-1/2"	1-3/4"	2"	2-1/2"	3"
Minimum Depth of Hole Needed	1-1/2"	2-1/4"	2-1/2"	2-3/4"	5"
Approx. Amount of Quik-Rok® needed	1/2 Lb.	1 Lb.	1-1/4 Lbs.	1-3/4 Lbs.	4 Lbs.

Table 1 recommended dimensions for use as "Neat Mix" Anchoring Grout

CAUTION:

Since the hole will serve as the form for the QUIK-ROK® pour, it is imperative that all loose dirt, rocks and other foreign matter be removed. Because QUIK-ROK® is an expansive product, the area surrounding the hole must be structurally sound, either by having a sufficient mass of well-cured concrete or an equally supportive amount of steel reinforcing. NEVER use QUIK-ROK® in holes cut into narrow or thin-capped walls, curbs or masonry items such as filled block or brick. Always ensure that no edge of adjoining concrete is less than 2 hole diameters from the outside perimeter of the hole.

Water used in mixing QUIK-ROK® must be as pure as possible; if it is drinkable, it is probably suitable. Soluble salts such as sodium chloride, sodium sulfate and magnesium sulfate must not be present in large amounts as they could react adversely with the QUIK-ROK® material. Mix up to 1 part of pure water to 3-1/2 parts of powder by volume, using as little water as necessary for pourability. Accurate measuring of the ingredients in a properly mixed first batch will ensure consistency on subsequent batches, provided the same water-to-QUIK-ROK® ratio is maintained. Variations in the ratio will affect absorption and strength over time. QUIK-ROK® will set in 7-9 minutes when both the QUIK-ROK® and water are at 70°. To maintain set time consistency use warm water in cold weather and cold water in warm weather. Pouring in temperatures below freezing is not recommended.



CEMENT/GROUT

CAUTION:

Pourability time is less than 10 minutes; therefore, batch size should permit pouring to be completed within 5 minutes after mixing. Mixing too late (i.e., after setting action is started) will decrease strength. **AVOID watery mix:** ultimate strength and durability, depends on minimum amounts of water. QUIK-ROK® is specifically designed to flow with minimum amounts of water. **DO NOT ADD ADDITIONAL AMOUNTS OF WATER AS MIX BEGINS TO SET!**

Mix for 2 – 5 minutes to obtain a “creaming” of the QUIK-ROK® slurry. Mixing must be vigorous; mechanical mixing is recommended, particularly for batches over 5 pounds. Resulting physical properties are in direct relation to energy input during mixing.

Pouring should be accomplished in one continuous action so that the entire mix cures uniformly without layering.

CAUTION:

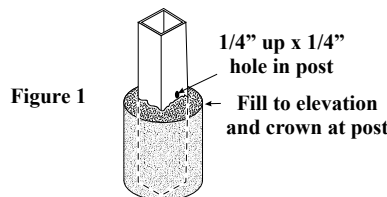
For exterior applications, QUIK-ROK® must be shaped (crowned) to allow for water “run-off”. Do not allow sleeve to act as water reservoir. Trowel a mound like head to insure water drain-off. Constant exposure to large amounts of water may cause deterioration. As an extra precaution for exterior surfaces, application of an epoxy sealer to the exposed surface is recommended.

WARNING

Quick-Rok® is not to be used for anchoring balcony railings or other similar life safety structures.

The presence of heavy salt-spray or road salt concentration coupled with continuous moisture build-up could accelerate this deterioration and amplify any harmful corrosive effects on the material being anchored. The use of QUIK-ROK® to anchor aluminum is not recommended in such hazardous applications.

In locations subject to freezing, where hollow posts are grouted into core-drilled holes, a ¼” diameter “weep” hole should be drilled approximately 1/8” to ¼” above elevation. (See Figure 1) This allows for drainage of built-up moisture from condensation, ground water seepage, leakage through post caps or attachment holes, etc. The drilled hole must be wiped clean and dry and sprayed with zinc rich primer and color finish. QUIK-ROK® grout must fill inside the post cavity to ground elevation.



Ameristar shall, in no case, be responsible for failures in the post or in surrounding grout or masonry when an appropriate drainage space (weep hole) was not provided for during installation or when the internal post cavity is not filled to ground elevation.

QUIK-ROK®



AMERISTAR®

CEMENT/GROUT

AS AN ADDITIVE:

To accelerate the set of a standard 1:2:3 concrete mix, substitute approximately 1.5 to 3 lbs. of QUIK-ROK® for every 10 lbs. of cement in the mix. Stir thoroughly adding as little water as is necessary for flow.

When using the admixture to set columns or posts, the DIAMETER OF THE HOLE SHOULD BE AT LEAST 3 TIMES DIAMETER OF POST, in most cases.

Because the application situation, as well as mixing ingredients and techniques used, can cause extensive variation in physical properties achieved, AMERISTAR® makes no guarantee of results where conditions or procedures are beyond our control. Under no circumstances will Ameristar Fence Products, Inc. be liable for damages in excess of the purchase price of this product. Any use of Quik-Rok® material pursuant hereto shall be considered to have been based on transactions deemed initiated in Tulsa, Oklahoma. Any and all disputes arising directly or indirectly from such transactions shall be resolved in the courts of the County of Tulsa, State of Oklahoma, to the exclusion of any other court, and any resulting judgment may be enforced by any court having jurisdiction of such an action. All transactions shall be governed by and construed in accordance with the laws of the State of Oklahoma.

By use of this product, customer agrees to indemnify Ameristar® Fence Products for any costs, including attorney's fees, incurred by Ameristar® as a result, in whole or in part, of any violation by Customer of any Federal, State or Local statute or regulation, or of any nationally accepted standard. It shall be Customer's sole responsibility to comply with all applicable laws and regulations regarding the handling, use, transportation, or disposal of products upon taking possession of same.