TECHNICAL DATA

SUPER POR-ROK®

Premium Cement Based Anchoring Cement

DESCRIPTION

SUPER POR-ROK® ANCHORING CEMENT is used in the anchoring of heavy machinery, railings, guard rails, banisters, and in the repair of cracks on damaged concrete substrate. It is a non-shrink, hydraulic, controlled expansion cement in a ready to use preparation. Water is added at the job site to provide a pourable, durable anchoring or patching compound.

SUPER POR-ROK® ANCHORING CEMENT has almost unlimited field applications.

FEATURES/BENEFITS

- No rodding, chaining or vibrating
- Pourable
- Ideal for patching floors, walls, and cracks in concrete structures and caulking foundations/wall voids
- Interior or Exterior use
- No heating or two component mixing needed
- Quick setting - Sets in 20-30 minutes
- Expands as it sets
- Stronger than concrete in 6 hours
- Product complies with all the properties of ASTM C1107 when tested at 73 degrees.
- Nonmetallic; maintains volume stability over time

APPLICATION

Substrate Preparation: The concrete must be at least 28 days old and fully cured. The hole must be free of particles and debris. Fill hole with water. Scrub sides and bottom with stiff scrub brush. Remove excess water. The hole must be clean and uniformly damp. Always use the appropriate flat washer for the size bolt you are anchoring. Place bolt in hole with head down and washer resting on the head.

MIXING AND INTERIOR APPLICATIONS:
NOTE: SUPER POR-ROK® is a cement based anchoring cement. Adding more water than recommended will cause performance failures. (see limitations below)

MIX SUPER POR-ROK® WITH 15% CLEAN POTABLE WATER BY WEIGHT to a smooth flowable consistency. If mixing smaller amounts by hand mix 2.3 oz. of clean potable water to every 1 pound of SUPER POR-ROK® to a smooth flowable consistency. Once the mix is lump free, pour the material around the bolt or anchor. Fill the material even with the substrate level (DO NOT LEAVE THE SUPER POR-ROK® TO SET WHERE WATER CAN PUDDLE AROUND THE BOLT OR ANCHOR).

For applications that require a more plastic like consistency, reduce the amount of water slight until the desired consistency is achieved.

APPLICATION CONT.

APPLICATION NOTES AND LIMITATIONS:
1. DO NOT OVER-WATER SUPER POR-ROK®. Over-watering cement based products can inhibit long term strength and durability. The water for SUPER POR-ROK® MUST be measured precisely. Failure to do so will result in excessive water absorption resulting in freeze / thaw damage, causing cracking and job failure.

2. SUPER POR-ROK® should be poured slightly above surrounding substrate level. Leaving a depression will allow water to settle in the application and weaken its integrity over time.

3. The hole to accept the bolt or anchor should not be drilled within 4” of the corner or the edge of the concrete substrate.

4. Do not install SUPER POR-ROK® where the application temperature will go below 32 degrees within 24 hours.

5. If a smooth surface is desired a flat trowel can be used when SUPER POR-ROK® begins to stiffen.

6. Temperature will effect set time. Colder temperatures will extend set time while warmer temperatures will shorten set time and workability.

7. For aluminum railing installations CGM recommends the use of POR-ROK®. In instances where SUPER POR-ROK® has to be used the aluminum railing MUST be coated both inside and out. Installing SUPER POR-ROK® to ANY exposed aluminum will cause uncontrolled expansion which will result in installation failures.

TYPICAL TEST DATA

Compressive Strength (ASTM C109)	
4 hours	2000 psi
1 day	4000 psi
28 days	5500 psi

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Solution to Service

1511 Baltimore Ave, Suite 600
Kansas City, MO 64108
www.specchem.com 816.968.5600

Revised 07/21/26

APPLICATION CONT.

EXPOSED ALUMINUM WARNING: For aluminum railing installations CGM recommends the use of POR-ROK™ Anchoring Cement. In instances where SUPER POR-ROK® has to be used the aluminum railing must be coat-

STORAGE

Store in cool dry place. Tightly seal package and do not exposure to sun.

PACKAGING

50 lb pail
5 lb. tubs

SHELF LIFE

12 Months — Rotate Stock

WARRANTY

NOTICE-READ CAREFULLY
CONDITIONS OF SALE
SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.
WARRANTY LIMITATION
SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.
INHERENT RISK
Purchaser assumes all risk associated with the use or application of the product.

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