

Non-Shrink Grout

Description

Pakmix[®] Non-Shrink Grout is a scientific blend of non-ferrous admixtures, graded sand, and Portland cement. This product is a high strength, general purpose grout for most construction applications at any consistency; drypack, plastic, or flowable. Meets the Corp. of Engineers specification CRD C-621.

ASTM C-109 Compressive Strength (psi) plastic

24 Hour	2,000
7 Day	5,000
28 Day	6,500
Final Set	4 Hours
Working Time	15 Minutes

Suggested Uses

- Structural columns
- Anchoring
- Machine bases
- Patching
- Highway barriers
- Snap tie holes
- Manholes
- Bridges
- Mortar joints
- Precast tee joints

Preparation

All contact surfaces should be clean and free of oil, gas, paint, grease, loose concrete, efflorescence, dirt, etc. Adjacent concrete surfaces must be sound. Roughen the concrete surfaces where possible to promote bonding. Thoroughly soak contact areas prior to usage and remove excess or standing water before grout placement.

Directions for Mixing

Pakmix[®] Non-Shrink Grout requires only the addition of clean water. For best results use a paddle or drum type mechanical mortar mixer. Mix for 3 to 5 minutes only. Do not mix more grout than can be placed in the allotted work time. The amount of time available depends on the temperature of the atmosphere, the area to be grouted, or a combination of these. To be safe, complete the grouting within 20 minutes. For maximum strength use the minimum amount of water.

Packaging and Yields

Packaged in a 55 lb. poly-lined bag. 55 lbs. will produce approximately 1/2 cu. ft.

For Best Results

Application: When mixed to a pourable consistency Pakmix[®] Non-Shrink Grout flows readily and forms or dams will be necessary at all openings. Once grouting has begun, it should progress continuously without interruption before the grout has a chance to stiffen. It is best to work grout from one side only using sound engineering practices to avoid excessive air entrapment. Reinforcing rods or wire mesh may be used where required.

Curing: Placed grout should be moist cured for a minimum of 3 days followed by applying an approved curing compound.

Hot Weather Precautions: High temperatures reduce the working time and increase the importance of curing due to rapid water evaporation. To minimize store grout in a cool place for 24 hours prior to use, soak the work area prior to grouting removing excess water, shade area from direct sunlight during the entire process if possible, and mix grout with cold water.

Cold Weather Conditions: Low temperatures delay the rate of strength gain and increase working time. To minimize store grout in a heated place 24 hours prior to use, mix with warm water, heat placement surface where possible, and place grout only when the temperature is at least 40° F.

Clean Up

Clean up is easy with soap and water. Rinse the tools before the material hardens.

Material Safety Data Sheet available upon request.

55 lb. Bag



CAUTION • AVOID CONTACT WITH SKIN • INJURIOUS TO EYES Contains Portland Cement (CAS #65997-15-1). Freshly mixed cement, mortar, concrete, grout, or stucco may cause skin injury including severe alkali burns. If exposed, wash skin promptly and repeatedly for 15 minutes and get prompt medical attention. The use of gloves and protective eye wear is recommended. If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

WARNING INHALATION HAZARD Avoid inhalation of dust from this product, which contains crystalline silica and other chemicals, which may cause lung disease and cancer. Use with mechanical ventilation or respiratory protection (dust mask).

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.

KEEP OUT OF REACH OF CHILDREN

DISCLAIMER AND LIMITATION OF LIABILITY This material is warranted to be of good quality. Upon receipt of a claim within one year from the date of sale, defective material will be replaced or the purchase price refunded at the option of the manufacturer. Except for the foregoing, all warranties, express or implied, including merchantability and fitness for a particular purpose, are excluded. No liability is assumed for any consequential, incidental or special damages arising directly or indirectly from the use of the material.