

## PRODUCT DATA

### Precision Grout

**PRECISION GROUT** is a cement-based precision non-shrink, non-metallic, non-staining industrial grout for supporting equipment and machinery, as well as other industrial applications. Precision Grout meets the requirements of ASTM C-1107 when applied in temperatures ranging from 41°F-86°F. This product contains no metallic aggregates, accelerators, chlorides or oxidizing catalysts.

#### APPLICATIONS:

Use where precision non-shrink, non-staining grout is required. Gives full bearing for a wide variety of industrial applications such as:

- Precision machinery grouting
- Machinery base plates
- Structural columns
- Tower and turbine bases
- Pump and equipment bases
- Pre-cast tee joints
- Bearing plates
- Rail posts
- Post tension cables
- Anchoring applications

**PACKAGING:** 50 lb. bags  
 800 lb. mini bulk bags (special order)  
 3000 lb. bulk bags (special order)

**YIELD:** Approx. 0.45 cu. ft. per 50 lb.

**MIXTURE:** 2.92 quarts per 50 lb. bag  
 (Add additional water as needed,  
 not to exceed 4.4 quarts per 50 lb.)

**WORKING TIME:** Approx. 30 min  
 Extend working time to 60 minutes with  
 addition of integrated retarder

#### PHYSICAL AND CHEMICAL CHARACTERISTICS:

Compressive Strength (ASTM C-109)  
 PLASTIC 100% Flow Table (at 2.92 qt. water per 50 lb.)  
 1 day . . . . . 3500 psi  
 7 days . . . . . 7000 psi  
 28 days . . . . . 8500 psi

VOLUME CHANGE (Fluid)  
 Early Height Change . . . . . +2.1%  
 (ASTM C-827)

Hardened Height Change . . . . . +.022%  
 (ASTM C-1090)

TENSILE STRENGTH (Fluid)  
 28 Days . . . . . 585 psi  
 (ASTM C-496)

FLEXURAL STRENGTH (Fluid)  
 28 Days . . . . . 530 psi  
 (ASTM C-78)

BOND STRENGTH (Fluid) (Modified)  
 28 Days . . . . . 1835 psi  
 (ASTM C-882)

**This product meets requirements of ASTM C-1107 and CRD C621**

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### Precision Grout

**PREPARATION:** All areas to be grouted must be clean and free of oil, grease, dirt, and any contaminants. All metal components to be in contact must be de-rusted and free of oils. All concrete to come in contact with the grout must be thoroughly saturated by dampening or soaking prior to placement of grout. Remove excess water from holes and voids, leaving no puddles. For column base plates and machinery bases, standard forming procedures should be followed that allow proper and complete placement of the fluid grout, including the use of forms.

**MIXING:** Precision Grout is ready to use and requires only the addition of water.

Use water ratio provided and add small amounts for desired consistency, not to exceed 4.4 quarts per 50 lb. of material. For uniformity of mix, mechanical mixers such as paddle or drum mortar mixers should be used. Mix for no more than 5 minutes. The grout should be placed immediately after mixing. Do not mix more than can be placed within the allotted work time.

**APPLICATION:** When placed in thicknesses of over 6 in., the grout must be extended with  $\frac{1}{8}$ " to  $\frac{3}{8}$ " pea gravel at a rate of 15-20 lbs. per 50 lb. bag of grout. Create head pressure using a pump, head box, traffic cone or stand pipe to prevent voids. Precision Grout should be placed in accordance with standard grouting procedures and recommendations of ACI for placing and curing concrete. Completely remove all voids. Place grout quickly and continuously, striking off exposed areas. Finished grout should be cured with an acrylic sealer or damp cured.

**TEMPERATURE:** Apply at temperatures between 41°F and 86°F. Temperature should be near 70°F for maximum performance.

**CLEAN UP:** Clean up is simple and easy with soap and water. Rinse tools before material hardens.

**PRECAUTIONS:** Contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water for 15 minutes. Consult a physician immediately. Keep out of reach of children. Contains free silica DO NOT breathe dust. May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See safety data sheet (SDS) for detailed safety information.

**ADDITIONAL INFORMATION:** For complete safety information refer to the material SDS. For additional information, contact Indcon at 888-809-2365.

**LIMITED WARRANTY:** Product manufacturer warrants that the products are in conformance to the formulation standards of manufacturer and that such products are free from manufacturing defects. Purchaser's only remedy is replacement of the product. Manufacturer does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Manufacturer be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Manufacturer's part. Manufacturer neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Manufacturer's products. This warranty shall not apply to any of Manufacturer's products which have been subject to alteration, abuse or misuse. Manufacturer makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Manufacturer which are used in connection with its products. The purchaser accepts these terms and conditions along with Seller's General Terms and Conditions and hereby expressly waives any claim to additional damages.

**CAUTION: Always keep out of the reach of children.**

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