

## PRODUCT INFORMATION SHEET 3700 Pourable Grout

### DESCRIPTION:

3700 Pourable Grout is a high strength, chemical resistant polymer concrete. 3700 Pourable Grout is packaged as a pre-measured three component unit.

### ADVANTAGES:

- Low Exotherm
- Temperature Resistant – Up To 180°F (82°C).
- Can Be Applied By Screed Or Form
- High Impact Resistance
- Excellent Chemical Resistance
- Can Be Installed Several Inches Thick

### USES:

Build or Rebuild

- Curbs
- Trenches
- Tank and Pump Pads
- Column Supports
- Equipment Pads

### SUPPLEMENTAL PRODUCTS:

- 3000 Series Flooring Systems
- 3000 VS  
Vertical Surfaces and Coves
- 2600 LS Lining System  
Trenches and Sumps

### PACKAGING AND COVERAGE:

**3700 Grout – 1 Unit** – approximately 1 cubic foot consisting of –

- 1 container – Part A (resin)
- 1 container – Part B (hardener)
- 3 bags – Part C (chemical resistant aggregate)

### PROPERTIES:

<b>Compressive Strength</b>	16,500 psi ASTM C-579 (resin)
<b>Tensile Strength</b>	1,750 psi ASTM D-638 (resin)
<b>Flexural Strength</b>	3,500 psi ASTM C-580 (resin)
<b>Bond Strength</b>	350psi ASTM C-321 100% concrete failure
<b>Working Time at 75°F (24°C)</b>	20-30 minutes ASTM C-308
<b>Shelf Life</b>	1 Year
<b>Colors</b>	Natural
<b>Solids by Content</b>	By Weight 100% By Volume 100%

### SURFACE PREPARATION:

3700 Grout may be installed only on clean, sound substrates

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. The blasting media used shall be properly graded, clean, sharp, angular abrasive similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

**MIXING:**

Prior to application, all materials should be stored at approximately 70°F (21°C) for at least 48 hours. Pour Part A and Part B into vessel and mix for 1 minute. Add the filler (Part C) slowly and mix for two minutes insuring filler has been completely wet out.

**APPLICATION:**

Substrate temperatures should be 65°-85°F (18°-29°C) during installation and for 96 hours after application for maximum chemical resistance. Do not apply 3700 Pourable Grout when temperature drops below 50°F (10°C) or above 95°F (32°C). Cover forms with plastic or release agent to minimize bond between 3700 Pourable Grout and forms. Pour material into the form slowly from one side and allow material to seek its own level. Allow material to harden approximately 8 hours at 75°F (24°C) before removing forms.

**CURE TIME:**

3700 Pourable Grout will harden at 75°F (24°C) in 8 hours for form removal. Full chemical resistance and physical properties develop after 96 hours at 75°F.

**CLEANUP:**

Cured or hardened 3700 Pourable Grout will adhere to almost all substrates and can be very difficult to remove when cured. Clean tools immediately with acetone or other solvent based cleaners.

**SAFETY:**

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed resin and hardener as the continuing exothermic reaction may cause container to explode. Cured product poses no threat of odor contamination. 3700 Pourable Grout Material Safety Data Sheets are available upon request.

**IMPORTANT NOTICE TO PURCHASER:**

The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.

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