



3700 Pourable Grout

Product Data Sheet

DESCRIPTION:

3700 Pourable Grout is a high strength, chemical resistant epoxy 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)

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.

PROPERTIES:

Compressive Strength (ASTM C-579) <resin>:	16,500 psi	Bond Strength (ASTM C-321):	350 psi; 100% concrete failure
Tensile Strength (ASTM D-638) <resin>:	1,750 psi	Working Time at 75°F (24°C) (ASTM C-308):	55-65 minutes
Shelf Life:	1 year	Solids by Content:	Weight: 100% Volume: 100%
Flexural Strength (ASTM C-580) <resin>:	3,500 psi	Colors:	Natural

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).

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.

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.

Limited Warranty

Milamar Coatings products are manufactured to be free of defects in material and workmanship in meeting the properties specified on its individual Product Data Sheets. Users and installers of Milamar Coatings products are solely responsible for determining the suitability of the products for specific product applications. Milamar Coatings makes no Warranty or Guarantee, express or implied, including warranties of fitness, design compatibility or merchantability, for any particular use and shall have no responsibility or liability, including direct, indirect or consequential damages, due to injury, delay or third party claims for installation or repair. Likewise, Milamar Coatings assumes no liability of any nature for products that are adjusted in the field or that do not utilize all specified Milamar Coatings components. Should any Milamar Coatings product be proved to be defective within one year from the date of shipment, Milamar Coatings will, at its sole discretion, either replace the material; issue a credit to the customer's account; or provide a cash refund for the initial, paid purchase price of the material. Potential claims regarding product quality must be received in writing by Milamar Coatings within 30 days of the discovery of such potential defect. This Warranty is exclusive of all other warranties, expressed or implied, and may only be adjusted in writing, signed by an officer of Milamar Coatings, L.L.C

Milamar Coatings, L.L.C.

www.milamar.com

311 NW 122nd Street, Ste. 100

Oklahoma City, OK 73114

Ph.: 405.755.8448

Fax: 405.755.8450