



FIVE STAR
Engineering Your Success.



Product Line

Precision Cementitious Grouts
Precision Epoxy Grouts
Concrete Rehabilitation & Repair
Marine/Wet Environment
NQA-1 Safety Related



XP 250 EPOXY GROUT

Precision Cementitious

Five Star® Precision Cementitious Grouts are designed for static/light dynamic loading or high-temperature exposure grouting where precision alignment and an ideal bearing surface are critical. Non-shrink from time of placement, Five Star® Cementitious Grouts ensure the most consistent and highest level of performance across a wide range of temperatures and job site conditions.

FIVE STAR® GROUT

Placement versatility from dry pack to flowable

FLUID GROUT 100

Fluid consistency, perfect for tight clearances down to ½ inch (12 mm)

HIGH STRENGTH GROUT

High ultimate compressive strength

HIGH STRENGTH 130 GROUT

High ultimate compressive strength with longer working time and bulk bag capability

HYBRID GROUT

Highly flowable with ultra-high early and ultimate compressive strengths

HTR GROUT

High-temperature exposure up to 2,400°F (1,316°C)

SPECIAL GROUT 400

Ideal for post-tensioned structures (cables and tendons)

INSTANT GROUT

Rapid strength gain for four-hour machinery startup and cold-weather applications

CEMENTITIOUS UNDERWATER HIGH-STRENGTH GROUT

Underwater pump grade; ideal for grouting and pile repair/restoration

NEW

METALLIC GROUT

Fluid with metallic aggregate for high-impact, high-temperature applications

Precision Epoxy

Five Star® Precision Epoxy Grouts, developed for grouting applications in dynamic environments, provide industry-leading performance exhibiting positive expansion for a high Effective Bearing Area (EBA). Superior compressive strengths, fast strength development, high chemical and impact resistance along with vibration dampening all characterize Five Star® Epoxy Grouting Systems allowing them to provide the performance you need where it matters most.

NEW

XP 250 EPOXY GROUT

XP 230 EPOXY GROUT

Ultra-high strength (23,000+ psi) with high fatigue resistance and a low exotherm enabling higher monolithic pours.

Wind tower bearing plate elimination systems that form a strong, full-contact, weathertight essential connection between the wind tower flange and the foundation.

DP EPOXY GROUT

Low exotherm; ideal for large volume monolithic placements up to 18 inches (457 mm)

DP EPOXY GROUT HIGH FLOW

High flow, low exotherm; ideal for installation depths down to ½ inch (12 mm)

NEW

FiberThix

Thickening additive for DP Epoxy Grout allowing it to be hand packed or troweled while retaining its shape

DP EPOXY GROUT PG

Pumpable, low exotherm, well-suited for large volume and low clearance installations

FLUID EPOXY

Fluid, self-leveling for ultra-low clearances down to ⅛ inch (3 mm)

SP EPOXY GROUT PG

Pumpable, extremely high compressive strength

LC EPOXY GROUT

(FORMERLY CRANE RAIL GROUT)

High flow for tight clearances down to 0.4 inches (10 mm) with rapid strength gain

HP EPOXY GROUT

High early compressive strength

HP EPOXY GROUT HIGH FLOW

High flow, high early compressive strength

RAPID EPOXY GROUT

Rapid 8-hour strength gain for fast turnaround

EPOXY NOVOLAC GROUT

Highly chemical resistant; designed for aggressive chemical environments

ELASTOMERIC GROUT

Superior electrical resistance with vibration and sound-dampening properties designed for light rail transportation

EPOXY CHOCK & EPOXY CHOCK EX

High strength, high temperature resistant chock systems for maximum stability and reliability. The Epoxy Chock EX system includes aggregate for higher yield, lower exotherm, and deeper clearances.

NQA-1 Products

Compliant with ASME NQA-1 & U.S. NRC 10CFR50 Appendix B & 10CFR21

FIVE STAR® GROUT

Precision, cementitious grout with placement versatility from dry pack to flowable

FLUID GROUT 100

Fluid consistency cementitious grout perfect for tight clearances down to ½ inch (12 mm)

DP EPOXY GROUT

Low exotherm epoxy system ideal for large volume monolithic placements up to 18 inches (457 mm)

DP EPOXY GROUT HIGH FLOW

High flow, low exotherm epoxy system ideal for pour depths down to ½ inch (12 mm)

HP EPOXY GROUT

High early strength epoxy system

HP EPOXY GROUT HIGH FLOW

High flow, high early strength epoxy system

STRUCTURAL CONCRETE

Fast cementitious mortar with high early strength gain for small to medium structural repairs

STRUCTURAL CONCRETE V/O

Rapid setting, cementitious mortar for hand-applied structural repairs of vertical and overhead surfaces

Construction Grade Grout

NSG GROUT

Versatile, non-shrink, cementitious grout ideal for general construction grouting applications

Coarse Aggregate

for Cementitious Grout & Mortar Extensions

3/8 DRIED COARSE AGGREGATE

Washed, screened, and dried ⅜" x ¼" rounded coarse aggregate

3/8 DRIED BASALT COARSE AGGREGATE

Washed, screened, and dried ⅜" x #4 angular coarse aggregate ideal for extensions in high temperature environments

3/8 BASALT COARSE AGGREGATE

Washed and screened ⅜" x #4 angular coarse aggregate ideal for extensions in high temperature environments

CONCRETE REHABILITATION & REPAIR

Five Star Products continues to provide industry-leading and innovative solutions to the many challenges associated with structural concrete repair and restoration applications. Five Star Products offers a full line of products where permanent bond, dimensional stability, high early compressive strengths, durability, and ease of use are required.

Structural

For structural repair of horizontal and formed vertical surfaces

STRUCTURAL CONCRETE

Fast cementitious mortar with high early strength gain for small to medium structural repairs



STRUCTURAL CONCRETE ES

Pumpable cementitious mortar with high early strength gain for medium structural repairs

STRUCTURAL CONCRETE ES-60

Fast, pumpable, high early strength, cementitious mortar ideal for large and hot weather structural installations

STRUCTURAL CONCRETE V/O

Rapid setting, cementitious mortar for hand-applied structural repairs of vertical and overhead surfaces

STRUCTURAL CONCRETE HTR

Fast turnaround, ultra-high temperature exposure, cementitious mortar for small structural repairs

STRUCTURAL CONCRETE HTR ES

Fast turnaround, ultra-high temperature exposure, pumpable, cementitious mortar with 90-minute working time for larger volume placements

NOVOLAC STRUCTURAL CONCRETE

Excellent impact and wear resistant epoxy material designed for aggressive chemical environments

STRUCTURAL CONCRETE S300

Pumpable, cementitious mortar with a long working time for large volume repairs and foundation upgrades

STRUCTURAL CONCRETE UNDERWATER HAND PACK

Hand applied, rapid strength, underwater cementitious repair mortar

STRUCTURAL CONCRETE UNDERWATER PG

High early strength, pump grade, underwater cementitious mortar

CLARIFIER RESURFACER

Sulfate resistant, non-shrink, cementitious mortar ideal for clarifier overlays

Concrete Surface

Fast-setting products for infrastructure and commercial surface repairs

RAPID SURFACE REPAIR EASY MIX

Self-leveling, low viscosity liquid polymer for quick surface repair that is traffic-ready in 30 minutes or less

HIGHWAY PATCH

Fast-setting hydraulic cement material ideal for horizontal repairs of traffic areas which withstands roadway contaminants

HIGHWAY PATCH WINTER

Fast-setting hydraulic cement material for horizontal repairs of traffic areas in cold weather conditions

HIGHWAY PATCH FR

Fiber-reinforced, fast-setting, cement material designed for transportation applications. No curing compound required.

REPAIR CONCRETE

NEW Rapid set, pre-extended, cementitious concrete repair mortar for commercial applications

Structural Shotcrete & Gunite

STRUCTURAL CONCRETE HTR SHOTCRETE

High temperature resistant, rapid strength gain, cementitious mortar for dry process shotcrete applications

STRUCTURAL CONCRETE GUNITE

Fast turnaround, cementitious mortar for dry process shotcrete applications

STRUCTURAL CONCRETE GUNITE S300

High strength cementitious mortar for dry process shotcrete applications

STRUCTURAL CONCRETE GUNITE WP

High strength cementitious mortar for wet process shotcrete applications

STRUCTURAL CONCRETE GUNITE WP/FS

Fiber-reinforced cementitious mortar for wet process shotcrete applications

Additive

SUMMERSET

Extended working time additive for cementitious products

Adhesive

BONDING ADHESIVE

Multi-purpose epoxy adhesive for bonding fresh concrete to hardened concrete or steel

EPOXY ADHESIVE LV

Low-viscosity, moisture insensitive, epoxy system used for filling cracks and voids up to 1/4 inch (6 mm)

Coating/Primer

EPOXY NOVOLAC COATING

Highly chemical resistant, two-component epoxy coating for horizontal and vertical applications effective on both steel and concrete

EPOXY NOVOLAC PRIMER

Highly chemical resistant, two-component, penetrating epoxy primer/sealer for use with Five Star® Epoxy Novolac Coating on concrete surfaces

Crack Filler/Joint Repair

CRACK REPAIR SLV

Low viscosity polyurea crack repair for horizontal surfaces; deep penetration into hairline cracks

Waterproofing

WATERPROOFING

Self-curing, very low chloride ion permeable, cementitious waterproofing coating for concrete and masonry surfaces





Don't Replace. Restore.

Five Star Products is an industry leader in the development of systems and products designed for the rehabilitation and stabilization of marine facilities and underwater structures. Our products are designed and field-tested by experienced commercial divers and engineers with an emphasis on ease of installation, reliability, safety, and consistent high-quality performance for today's harsh marine environments above or below the waterline.

Cementitious Grout

CEMENTITIOUS UNDERWATER HIGH-STRENGTH GROUT

Underwater, pump grade, non-shrink cementitious grout for grouting applications and pile repair/restoration

Epoxy Grout

HIGH FLOW PILE JACKET EPOXY GROUT LPL-HF

Underwater, high compressive strength, long pot life, high flow, epoxy system designed for grouting applications and marine pile encapsulation. Does not contain any EPA regulated marine toxins.

Structural Concrete

STRUCTURAL CONCRETE UNDERWATER HAND PACK

Hand applied, rapid strength, underwater cementitious repair mortar

STRUCTURAL CONCRETE UNDERWATER PG

High early strength, pump grade, underwater cementitious mortar

Pile Rehabilitation Jackets

PILEFORM™ F JACKET

Fiberglass reinforced plastic (FRP) bridge and marine protection and rehabilitation jackets for timber, steel, or concrete piles

Specializing in CUSTOM Fiberglass Jackets and Forms

Five Star Products offers a complete marine encapsulation system which includes pile repair accessories.

SPLASH ZONE™

Underwater epoxy putty compound recommended for top-sealing Pileform F jackets at, above, or below the waterline in fresh or salt water splash zones and can also be used for repairing concrete and steel.

MATERIAL SCIENCE REDEFINING STRENGTH AND DURABILITY

Five Star Products is an industry-leading specialty construction materials company focused on the engineering, manufacturing, and application of precision epoxy and cementitious grouts, and concrete rehabilitation and repair solutions for challenging applications and environments. We are dedicated to developing innovative technologies that help ensure consistent, reliable success for our customers.

We are active in several **market sectors**:



We proudly provide **unparalleled support** at the engineering, plant, and contractor levels, which includes:

- Application Mock-Ups
- Installer Training
- On-Site Support
- Pre-Grout Meetings
- Product Demos
- Product Selection Guidance
- Project Pricing
- Specification Design Guidance



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