

Product Line Card

PRECISION NON-SHRINK CEMENTITIOUS GROUTS
PRECISION NON-SHRINK EPOXY GROUTS
CHEMICAL GROUTS & POLYURETHANES
CONCRETE REPAIR & OVERLAYS
INFRASTRUCTURE & COMMERCIAL CONCRETE REPAIR
SPECIALTY CONCRETE REPAIR
ADHESIVES/SEALANTS
COATINGS & WATERPROOFING

Specified by the World's Best™



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Build on our strength

Cementitious Grouts

Five Star® Cement Grouts meet or exceed industry specification requirements CRD-621 and ASTM C 1107. Combined with precision non-shrink performance and the highest commercially available Effective Bearing Area (EBA), Five Star® Cement Grouts ensure the most consistent and highest level of performance across a wide range of temperatures and job site conditions.

FIVE STAR® GROUT ♦

Premier all-purpose non-metallic grout for supporting equipment requiring precision alignment

FIVE STAR® HIGH-STRENGTH GROUT

High compressive strength precision non-shrink grout

FIVE STAR® FLUID GROUT 100 ♦

Premier fluid grout for supporting equipment requiring precision alignment

FIVE STAR® HTR GROUT

High-temperature exposure grout

FIVE STAR® HYBRID GROUT

Highly flowable, non-shrink, nonmetallic grout for high-load machinery, tanks, vessels, generators, small pumps and more

FIVE STAR® INSTANT GROUT

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

FIVE STAR® SPECIAL GROUT 150

Sulfate-resistant grout

FIVE STAR® SPECIAL GROUT 400

Fluid, non-shrink grout for cables, tendons and tight clearances

Epoxy Grouts

Five Star® Epoxy Grouts provide industry-leading performance with 95% Effective Bearing Area and 0.00% shrinkage when tested in accordance with ASTM C 827. Ultra-low creep, superior compressive strengths, and high chemical, impact, and vibration resistance all characterize Five Star® Epoxy Grouts allowing them to provide the performance you need where it matters most.

FIVE STAR® CRANE RAIL GROUT

High-flow epoxy for low clearance applications and dynamic loads

FIVE STAR® DP EPOXY GROUT ♦

Deep pour, low exotherm precision epoxy grout

FIVE STAR® DP EPOXY GROUT PG

Low exotherm, pumpable precision epoxy grout

FIVE STAR® HP EPOXY GROUT ♦

High-performance (HP) expansive, non-shrink, epoxy grout system for equipment requiring precision alignment

FIVE STAR® SP EPOXY GROUT

Superior performance, extremely high-compressive strength, non-shrink, ultra-low creep epoxy grout with outstanding EBA

FIVE STAR® ELASTOMERIC GROUT

Flexible polymer grout with vibration and sound-dampening properties and exceptional electrical resistance

FIVE STAR® EPOXY CHOCK & EPOXY CHOCK EX

Epoxy chocking systems specifically engineered for use under integral gas compressors, skid mounted equipment, turbines, generators, and other critically aligned machinery. The Epoxy Chock EX kit includes aggregate for higher yield, lower exotherm and deeper clearances.

FIVE STAR® EPOXY NOVOLAC GROUT

High chemical resistance grout designed for aggressive chemical environments

FIVE STAR® FLUID EPOXY

High-performance, all-purpose fluid epoxy

FIVE STAR® MINEFORM® BACKER GROUT

High-strength epoxy grouting system for the mining industry that secures wear plates under crushers, grinding mills and related heavy machinery

FIVE STAR® RAPID EPOXY GROUT

Rapid strength gain, fast turnaround epoxy grout

Chemical Grouts & Polyurethanes

Industrial strength repair for leaking concrete and masonry structures. Polyurethane grout can either bond with concrete to form a watertight, permanent seal or to become rigid, filling voids and acting as a stabilizer. Chemical grouts are used in sewers, manholes, tanks, vaults, tunnels, and many other applications.

FIVE STAR® CRACK REPAIR SLV

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

FIVE STAR® POLY WATER CUT (HYDROPHOBIC)

Hydrophobic polyurethane water cut-off grout to stop gushing water or water seepage in water bearing structures and sandy environments

FIVE STAR® POLYFLEX GEL (HYDROPHILIC)

Solvent-free polyurethane gel injection resin to seal active water and strong seepage in concrete or masonry water bearing structures

FIVE STAR® POLYFLEX SLV (HYDROPHOBIC)

Low viscosity polyurethane injection resin for water stoppage in concrete and masonry structures, and sandy soils

Concrete Repair & Overlays

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.

FIVE STAR® MP EPOXY PATCH

Multi-purpose, high strength, non-shrink, epoxy patching mortar

♦ Denotes products available in a Nuclear Safety Related Application version that are compliant with ASME NQA-1 and U.S. Nuclear Regulatory Commission's 10CFR50 Appendix B and 10CFR21.



FIVE STAR NOVOLAC STRUCTURAL CONCRETE®

Highly chemical resistant epoxy repair material with excellent impact and wear resistance

FIVE STAR STRUCTURAL CONCRETE® ♦

Fast, permanent repair material with high early strength gain for overlays, horizontal repairs and formed vertical surfaces

FIVE STAR STRUCTURAL CONCRETE® V/O ♦

Fast, permanent repair material for vertical and overhead surfaces

FIVE STAR STRUCTURAL CONCRETE® ES

Permanent repair material with a long working time and six-hour strength gain for overlays, horizontal repairs and formed vertical surfaces

FIVE STAR STRUCTURAL CONCRETE® GUNITE

High early strength, dry process shotcrete repair material

FIVE STAR STRUCTURAL CONCRETE® GUNITE S300

High strength, dry process shotcrete repair material

FIVE STAR STRUCTURAL CONCRETE® GUNITE WP

High strength, wet process shotcrete repair material

FIVE STAR STRUCTURAL CONCRETE® GUNITE WP-FS

Fine sand, wet process, shotcrete applied, permanent concrete repair material

FIVE STAR STRUCTURAL CONCRETE® S300

Permanent repair material with a long working time for overlays, large-volume repairs and foundation upgrades

FIVE STAR® SUMMERSET

Extended working time additive

FIVE STAR® EZ-CURE® REPAIR MORTAR

Fast turnaround fiber reinforced repair mortar for horizontal or formed vertical repairs. Requires no wet cure or curing compounds. Durable, long-term repair.

FIVE STAR® EZ-CURE® REPAIR MORTAR V/O (ADDITIVE)

Fast turnaround vertical and overhead structural repair mortar. Requires no wet cure or curing compounds.

Infrastructure & Commercial Concrete Repair

FIVE STAR CENTRI-CAST® BASALT LINER

Reinforcement wrap for epoxy, concrete and concrete-reinforced structures; protection against chemical and corrosive environments

FIVE STAR CENTRI-CAST® ONE-PASS WP

High-strength, wet process, spray applied, permanent concrete repair mortar for use with a wet head and sled; provides corrosion resistance for protection and rehabilitation

FIVE STAR CENTRI-CAST® PIPE PREP

High-strength repair concrete for the preparation of damaged culvert and storm pipe bases before full repairs are made; use with Five Star Centri-Cast® Systems

FIVE STAR CENTRI-CAST® PIPE REPAIR MORTAR & CENTRI-CAST® PIPE REPAIR MORTAR W/MICROBAN® TECHNOLOGY

Fiber-reinforced, centrifugally cast, high-performance cementitious mortar designed for the renewal of underground pipes without disturbing the ground above or surrounding environment

FIVE STAR CENTRI-CAST® WATER STOP

Fast-setting hydraulic cement that stops active leaks or flowing water in new or existing concrete, mortar, brick or any surface to which cementitious products can bond

FIVE STAR® HIGHWAY PATCH

Fast setting hydraulic cement material ideal for horizontal repairs of concrete in traffic areas. Provides resistance to oil, grease, gasoline, salts and other chemicals found in the transportation environment.

FIVE STAR® HIGHWAY PATCH FR

Fiber-reinforced, fast-setting, high strength, cement-based repair mortar designed for transportation applications where high early strength gain is needed to reduce down time. No wet-cure is required.

FIVE STAR® HIGHWAY PATCH WINTER

Fast-setting repair mortar for horizontal repairs of concrete in pavements and bridge decks in cold-weather conditions

FIVE STAR® RAPID SURFACE REPAIR EASY MIX™

Self-leveling, low viscosity liquid polymer for quick surface repair of roads and bridges. Durable, long-lasting and traffic ready in as little as 30 minutes.

FIVE STAR® RAPID SURFACE REPAIR PF-60

Rapid setting low viscosity polymer for the repair and rehabilitation of concrete and asphaltic concrete pavements. Long-lasting repairs handle vibration, heavy traffic and thermal movement

FIVE STAR® RAPID SURFACE REPAIR R-60

Rapid setting ultra low viscosity concrete healer and penetrating crack sealer. Reduces freeze-thaw spalling in concrete pavements and protects from further chemical attack.

Specialty Concrete Repair

FIVE STAR STRUCTURAL CONCRETE® HTR

Fast turnaround, high-temperature exposure repair material

FIVE STAR STRUCTURAL CONCRETE® HTR SHOTCRETE

Dry process shotcrete applied, high-temperature exposure repair material

FIVE STAR STRUCTURAL CONCRETE® UNDERWATER HP

Hand applied, rapid strength, underwater repair material

Adhesives & Sealants

FIVE STAR® BONDING ADHESIVE

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

FIVE STAR® EPOXY ADHESIVE LV

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



Product Line Card

FIVE STAR® SEGMENTAL BRIDGE ADHESIVE & SEGMENTAL BRIDGE ADHESIVE LT

Two-component epoxy compound for the installation or repair of segmental bridges and structures. Two versions are available for varying temperature ranges: Segmental Bridge Adhesive for 60-120 °F (16-49 °C), and Segmental Bridge Adhesive LT for 20-80 °F (-7-27 °C).

FIVE STAR® EPOXY PRIMER

Low viscosity epoxy baseplate primer for steel and concrete corrosion protection; can be brush, roller or spray applied

FIVE STAR CENTRI-CAST® JOINT FILLER

Solvent-free adhesive and void filler for use on multiple substrates. Fills voids and gaps of up to 3/4". Also for use with the Five Star Centri-Cast® industrial pipe repair system.

FIVE STAR® CONTROL JOINT SEALER

Semi-rigid, moisture insensitive, self-leveling epoxy joint filler and sealer for filling horizontal control joints

FIVE STAR® HP ANCHOR GEL

Rapid set underwater epoxy gel adhesive for the anchoring of rebar, threaded rods and epoxy-coated smooth dowels in all concrete, brick or stone masonry, and the grouting of bolts, dowels or pins.

FIVE STAR® RS ANCHOR GEL

Rapid set epoxy gel adhesive for anchoring rods, bars and bolts in concrete, as well as filling cracks and setting ports for epoxy injection. Use on steel, concrete and masonry applications.

FIVE STAR® PRESSURE PORT CRACK REPAIR SYSTEM

Complete epoxy crack injection concrete repair kit; structural repair for horizontal, vertical and overhead cracks up to 1/4 inch

Coatings & Waterproofing

FIVE STAR CENTRI-CAST® COAL TAR EPOXY

Protective coating for concrete, steel, aluminum and wood structures exposed to corrosive environments including salt and fresh water

FIVE STAR® EPOXY NOVOLAC COATING

Highly chemical resistant epoxy coating for horizontal applications

FIVE STAR® EPOXY NOVOLAC COATING NON-SAG

Highly chemical resistant epoxy coating for vertical applications

FIVE STAR® EPOXY NOVOLAC WATERBORNE PRIMER

Highly chemical resistant primer/sealer

FIVE STAR® WATERPROOFING

High performance, cementitious waterproofing coating for concrete and masonry surfaces

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