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

**NEW**
**FIVE STAR® FLUID GROUT PT**
Precision non-shrink, non-metallic fluid grout for cables and tendons requiring corrosion protection

**FIVE STAR® HTR GROUT**
High-temperature exposure grout

**FIVE STAR® INSTANT GROUT**
Rapid strength gain grout for four-hour machinery startup and cold-weather grouting

**FIVE STAR® SPECIAL GROUT 110**
Long distance pumpable grout

**FIVE STAR® SPECIAL GROUT 120**
Salt-resistant grout for marine environments

**FIVE STAR® SPECIAL GROUT 150**
Sulfate-resistant grout

**FIVE STAR® SPECIAL GROUT 400**
Fluid, non-shrink grout for cables, tendons and tight clearances

**FIVE STAR® SPECIAL GROUT 550**
High-temperature placement, non-shrink grout

* 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.
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

**FIVE STAR NOVOLAC STRUCTURAL CONCRETE**
Highly chemical resistant epoxy repair material with excellent impact and wear resistance

**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

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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 polyurethane crack repair for horizontal surfaces; deep penetration into hairline cracks

**FIVE STAR® POLY WATER CUT**
Hydrophobic polyurethane water cut-off grout to stop gushing water or water seepage in water bearing structures and sandy environments

**FIVE STAR® POLYFLEX GEL**
Solvent-free polyurethane gel injection resin to seal active water and strong seepage in concrete or masonry water bearing structures

**FIVE STAR® POLYFLEX SLV**
Low viscosity polyurethane injection resin for water stoppage in concrete and masonry structures, and sandy soils

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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® 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**
High performance epoxy chock system for the critical alignment of heavy machinery, and a replacement for steel chocks

**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
**Concrete Repair & Overlays**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® GUNITE S300</td>
<td>High strength, dry process shotcrete repair material</td>
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<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® GUNITE WP</td>
<td>High strength, wet process shotcrete repair material</td>
</tr>
<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® GUNITE WP-FS</td>
<td>Fine sand, wet process, shotcrete applied, permanent concrete repair material</td>
</tr>
<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® S300</td>
<td>Permanent repair material with a long working time for overlays, large-volume repairs and foundation upgrades</td>
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<tr>
<td>FIVE STAR® SUMMERSET</td>
<td>Extended working time additive</td>
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**Infrastructure & Commercial**

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<tr>
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<tbody>
<tr>
<td>FIVE STAR® HIGHWAY PATCH WINTER</td>
<td>Fast-setting repair mortar for horizontal repairs of concrete in pavements and bridge decks in cold-weather conditions</td>
</tr>
<tr>
<td>FIVE STAR® LIQUID CORROSION INHIBITOR</td>
<td>Clear, surface applied treatment that penetrates through cementitious materials such as concrete, mortar and limestone to provide corrosion protection. Can be spray, brush or roller applied.</td>
</tr>
<tr>
<td>FIVE STAR® RAPID SURFACE REPAIR EASY MIX</td>
<td>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.</td>
</tr>
<tr>
<td>FIVE STAR® RAPID SURFACE REPAIR PF-60</td>
<td>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.</td>
</tr>
<tr>
<td>FIVE STAR® RAPID SURFACE REPAIR PF-60 MS</td>
<td>Same features as the Five Star® RSR PF-60 formulated with Moisture Scavenging properties to improve set in high moisture cure environments.</td>
</tr>
<tr>
<td>FIVE STAR® RAPID SURFACE REPAIR R-60</td>
<td>Rapid setting ultra low viscosity concrete healer and penetrating crack sealer. Reduces freeze-thaw spalling in concrete pavements and protects from further chemical attack.</td>
</tr>
<tr>
<td>FIVE STAR® RAPID SURFACE REPAIR R-60 MS</td>
<td>Same features as the Five Star® RSR R-60 formulated with Moisture Scavenging properties to improve set in high moisture cure environments.</td>
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**Specialty Concrete Repair**

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<tbody>
<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® HTR</td>
<td>Fast turnaround, high-temperature exposure repair material</td>
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<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® HTR SHOTCRETE</td>
<td>Dry process shotcrete applied, high-temperature exposure repair material</td>
</tr>
<tr>
<td>FIVE STAR STRUCTURAL CONCRETE® UNDERWATER HP</td>
<td>Hand applied, rapid strength, underwater repair material</td>
</tr>
</tbody>
</table>
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)

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® 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

EZ-Cure® Repair Products

FIVE STAR® EZ-CURE® GROUT
No wet cure, cement-based, non-metallic, non-shrink grout for supporting machinery, equipment and structures

FIVE STAR® EZ-CURE® CONTRACTOR’S GROUT
Cement-based, non-shrink grout ideal for general construction grouting applications

FIVE STAR® EZ-CURE® CONCRETE REPAIR
Fill cracks and voids up to 3/4" in sidewalks, driveways, brick mortar and foundations in a single-step application. Works in environments that are both dry or constantly under or in contact with water. Comes in a convenient standard caulk tube.

FIVE STAR® EZ-CURE® REPAIR MORTAR
Fast turnaround repair mortar for horizontal or formed vertical repairs. Requires no wet cure or curing compounds. Durable, long-term repair without cracking.

FIVE STAR® EZ-CURE® REPAIR MORTAR V/O (ADDITIVE)
Fast turnaround vertical and overhead structural repair mortar. Requires no wet cure or curing compounds.

FIVE STAR® EZ-CURE® FLOOR UNDERLAYMENT*
Economical, easy-to-use, cement-based, self-leveling underlayment designed for indoor use over various substrates including concrete and ceramic tile.

FIVE STAR® EZ-CURE® FLOOR UNDERLAYMENT FR*
Premium quality, fiber reinforced, cement based, self-leveling underlayment designed for interior applications. Fast drying and formulated for use over a wide range of substrates including concrete, VCT, exterior glue plywood, and tile.

*Must use EZ-Cure® Floor Underlayment Multi-Purpose Primer with this product.

FIVE STAR® EZ-CURE® FLOOR UNDERLAYMENT MULTI-PURPOSE PRIMER
Concentrated contractor quality, water-based primer designed to be applied prior to the installation of Five Star® EZ-Cure® self-leveling floor underlayments.