



Keep Traffic Moving!

Rapid Surface Repair

Build on our strength

Protect your infrastructure investment with Five Star[®] Rapid Surface Repair products.

Fast repair and cure

Bonds without primer to concrete, asphalt, steel or wood — saves time and expense

Seals and protects — stops further corrosion of reinforcing steel

Safe to use — no toxic fumes during application

Make repairs, resurface pavements, and apply protective coating year round — hot or cold

TYPICAL PROPERTIES	RSR Easy Mix™	RSR PF-60	RSR R-60
Mix Ratio	(1) Part A : (1) Part B	(1) Part A : (1) Part B	(1) Part A : (1) Part B
Viscosity, Mixed	@ 77°F (25°C): 60 cps	@ 73°F (23°C): 90 cps	@ 73°F (23°C): 14 cps
Cured			
Color	Dark Gray	Black	Black
Hardness, Durometer D, ASTM D-2240	70	60	65
Tensile Strength	3,000 psi (20.7 MPa) ASTM D-638	2,000 psi (13.8 MPa) ASTM D-412	4,500 psi (31.0 MPa) ASTM D-412
Compressive Strength, ASTM C-39	2,000 psi (13.8 MPa) 1 HOUR, ASTM C-579B	1,500 psi (10.3 MPa)	3,000 psi (20.7 MPa)
Elongation at Break	10-15% ASTM D-638	160% ASTM D-412	<10% ASTM D-412
Bond Strength, ASTM C-882	2,000 psi (13.8 MPa)	760 psi (5.24 MPa)	1,500 psi (10.3 MPa)

Rapid Surface Repair Easy Mix™

Conveniently formulated for bucket mixing, RSR Easy Mix is a self-leveling, low viscosity, two-part liquid polyurethane-hybrid polymer used to make an impact and traffic resistant polymer concrete.

When supplemented with its proprietary blended aggregate, this product is used to repair and rehabilitate concrete and asphaltic concrete pavements. Traffic ready in as little as 30 minutes (traffic time dependent upon air and substrate temperature), these durable, long-lasting repairs are able to handle vibration, heavy traffic, and thermal movement.

Uses for RSR Easy Mix™

- Expansion joint and bridge header reconstruction
- Runway light cans
- Control joint filler
- Repair cracks, potholes, spalls
- Resurface runways, walkways, floors, and parking lots



Advanced Technology From Advanced Thinking®

FIVE STAR® RAPID SURFACE REPAIR PRODUCTS. KEEP TRAFFIC MOVING!

These fast-acting rehabilitation and repair products are revolutionizing roadway and surface repair.

With Five Star® Rapid Surface Repair Products **traffic returns to normal in minutes**. Easy application techniques result in a durable new surface that handles even the heaviest loads on busy roads and highways.

Rapid Surface Repair PF-60

A low viscosity, two-part polyurethane hybrid polymer that solidifies to form a high performance, rapid setting polymer concrete.

When supplemented with aggregate, RSR PF-60 repairs and rehabilitates concrete and asphaltic concrete pavements. Within minutes of placement, durable, long-lasting repairs are able to handle vibration, heavy traffic, and thermal movement. Solidifies in as little as 60 seconds and is traffic ready in as little as 10 minutes (catalyzed machine applied version; traffic time dependent upon air and substrate temperature).

Uses for RSR PF-60

- Expansion joint and bridge header reconstruction
- Control joint filler
- Repair cracks, potholes, spalls
- Resurface walkways, floors & bridge deck overlays



FASTER REPAIR TIMES
mean greater crew safety
by shortening work crew
exposure at high-risk
locations.



Rapid Surface Repair R-60

An ultra low-viscosity concrete healer and penetrating crack sealer.

This unique polyurethane-hybrid polymer restores concrete strength by penetrating deep into concrete pavements and re-bonding cracks. RSR R-60 seals concrete to reduce freeze-thaw spalling, as well as protect from further chemical attack. Solidifies in as little as 2-5 minutes, penetrating narrowest cracks, and is traffic ready in as little as 10 minutes (catalyzed machine applied version; traffic time dependent upon air and substrate temperature).

Uses for RSR R-60

- Repair cracks, potholes, spalls
- Deck sealer/crack healer on PCC pavement
- Primer for epoxies and urethane resurfacers
- Creates non-skid and traction surfaces
- Anchoring adhesive





About Five Star® Products

Since 1955, Five Star Products, Inc. has responded to the global need for precision machinery grouting, concrete repair, corrosion prevention and waterproofing products worldwide. Our products are in use by many of the world's most recognized names and in some of the most challenging environments in the industrial, infrastructure and marine markets.

No matter where and when you require, we can provide you with Five Star® Machinery Grouts, Structural Concrete® Repair Products, Epoxy Adhesives and Waterproofing materials. Our extensive global presence also includes project specification assistance, on-site technical service and product availability to all points globally.

The Five Star® product line includes high-performance machinery grouts, concrete repair and restoration products, including nuclear safety applications, chemical resistant coatings, waterproofing, and marine pile and column repair products. Five Star Products operates seven manufacturing facilities, all of which adhere to a strict quality control system conforming to the ISO 9001-2008 standard.

We serve a broad range of industries throughout the world, including oil and gas transmission, refinery, chemical processing, pulp and paper, mining and metals, heavy industry and infrastructure. Our dedicated engineering and research teams provide the technical expertise and creative know-how to assist you with innovative solutions to all of your grouting and concrete repair requirements.

For confidence and performance, always specify Five Star® products.



Cementitious Grouts

Epoxy Grouts

Chemical Grouts & Polyurethanes

Concrete Repair & Overlays

Infrastructure & Commercial Concrete Repair

Nuclear Safety Application Products

Specialty Concrete Repair

Adhesives & Sealants

Coatings & Waterproofing



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