



FIVE STAR FOCUS

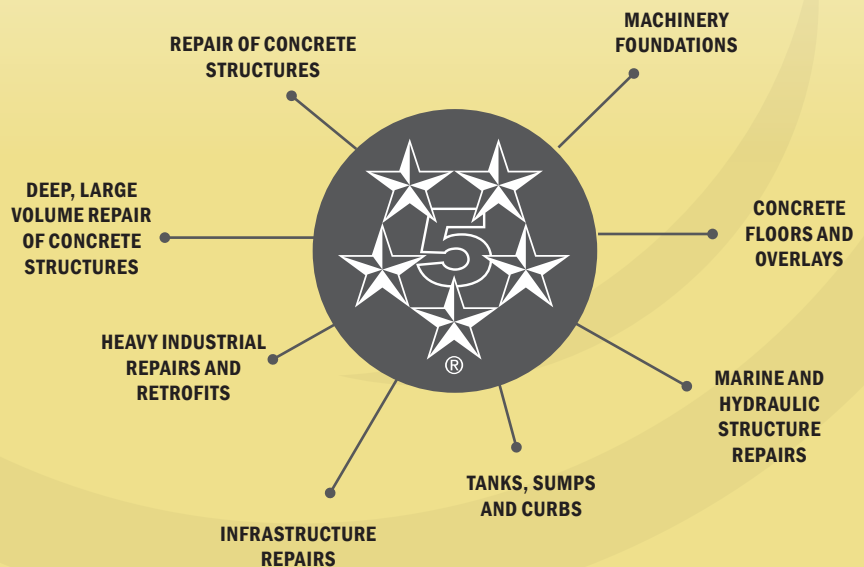
Restore structural integrity within hours of placement

Structural Concrete® Product Line



Structural Concrete® V/O
Parking Structure Repair

Proven dependable in field installations, the high-performance characteristics of Five Star Structural Concrete® products provide you with easy install of permanent concrete repair solutions with rapid strength gains. Don't settle for a temporary patch with low performance. Rely on Five Star Structural Concrete® products to repair concrete correctly *the first time*.



For Superior Results Go With Five Star®



Structural Concrete® ES
Tank ring repair in Texas



Structural Concrete® ES
Repairs to a port of entry bridge sidewalk in Mexico



Structural Concrete® ES Overlay
Raising a tank foundation to the proper height

These Five Star Structural Concrete® products are high early strength, permanent concrete repair material that produce dimensionally stable repairs by developing an integral bond to existing concrete and restoring structural integrity within hours of placement. They provide increased corrosion protection of steel reinforced structures with migrating corrosion inhibitor technology and very low chloride ion permeability.

Five Star Structural Concrete®

Application thickness can range from 1/4 inch to 12 inches (6 mm to 300 mm) in a single pour.

ADVANTAGES

- Single component for reliability and ease of use
- High three-hour strengths
- Very low chloride ion permeability
- Fast turnaround times with high 3-hour strengths
- Can apply cement/epoxy grouts and epoxy coatings as early as 4 hours after placement
- High bond strength
- Coarse aggregate extension
- Very low shrinkage
- Excellent freeze/thaw resistance
- One product for thin and thick placements
- Outstanding corrosion resistance for protection and rehabilitation

USES

- Repair of concrete structures
- Rapid machinery foundation rebuilds
- Fast repairs for coatings
- Concrete floor repairs and overlays
- Construction joint repair
- Marine and hydraulic structure repairs
- Repair of tanks, sumps and curbs

Five Star Structural Concrete® ES

With its 25-minute working time, the extended set facilitates deep/large volume pours up to six cubic yards in a single lift.

ADVANTAGES

- 25 minute working time
- One component
- Deep, large volume pours up to six cubic yards
- High six-hour strengths
- Coarse aggregate extension up to 80%
- Can apply cement/epoxy grouts and epoxy coatings as early as 6 hours after placement
- Excellent freeze/thaw resistance
- Provides permanent concrete and equipment/machinery foundation repair
- Facilitates equipment rebuilds in under 24 hours
- Pumpable
- High bond strength
- Outstanding corrosion resistance for protection and rehabilitation

USES

- Deep, large volume repair of concrete structures and machinery foundations
- Concrete floor toppings, overlays
- Hot weather concrete repair
- Heavy industrial repairs and retrofits

Five Star Structural Concrete® ES-60

Provides working times of 60 minutes at 90°F (32°C) and 90 minutes at 70°F (21°C). The extended working times facilitate deep/large volume pours and applications in hot weather or warm ambient temperature environments.

ADVANTAGES

- 60-90 minute working times
- Deep, large volume pours
- High six-hour strengths
- Coarse aggregate extension up to 100%
- Excellent freeze/thaw resistance
- Can apply cement/epoxy grouts and epoxy coatings as early as 8 hours after placement
- High bond strength
- Pumpable
- Provides permanent concrete and equipment/machinery foundation repair
- Facilitates equipment rebuilds as early as 12 hours
- Outstanding corrosion resistance for protection and rehabilitation

USES

- Deep, large-volume repair of concrete structures and machinery foundations
- Hot weather concrete repair
- Warm ambient temperature environments
- Boiler/furnace rooms
- Heavy industrial repairs and retrofits
- Bulk mixing/handling

Five Star Structural Concrete® V/O

A high strength, rapid setting, one component, permanent concrete repair material for vertical and overhead structural repairs.

ADVANTAGES

- Can be troweled vertically or overhead
- Very low chloride ion permeability
- Can apply cement/epoxy grouts and epoxy coatings as early as 8 hours after placement
- High 3-hour strength gains
- One product for thin and thick placement
- Excellent freeze/thaw resistance
- Outstanding corrosion resistance for protection and rehabilitation

USES

- Rapid repair of load bearing walls, ceilings and other structural members
- Rapid repairs during shutdown
- Marine and hydraulic structure repairs

ALL PRODUCTS
ARE ALSO
AVAILABLE IN
50 LB. PAIL
UNITS.



For more information on these or any other Five Star® products, contact your local Five Star Technical Sales Representative. Complete data sheets are available on our website: FiveStarProducts.com. Additional Technical and Field Support are always available to you from Five Star Products.



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