



FIVE STAR
Engineered Solutions

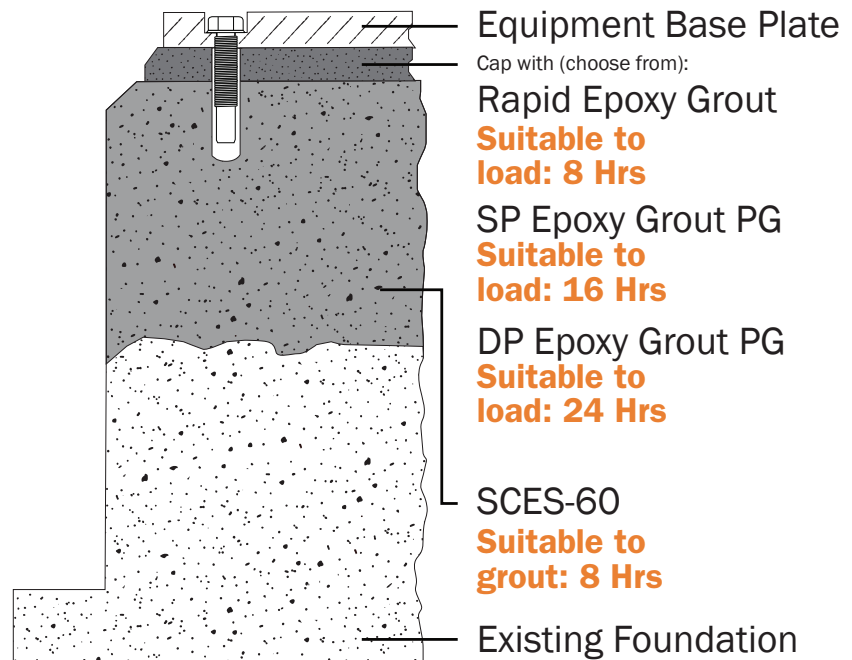


**RETURN
TO SERVICE
SOLUTION**

MULTI-LIFT • PRECISION NON-SHRINK FOUNDATION

DYNAMIC LOAD

- Select the FSP product that provides the reduced turnaround time required for your project
- Cap the ES-60 foundation rebuild with the appropriate epoxy machinery grout for your application
- Placement versatility: Pour or Pump
- Minimum Working Time: 30 Minutes
- Products can be extended with coarse aggregate
- Achieve 95%+ Effective Bearing Area
- Technical Support, Pre-Grout Planning, and On-Site Guidance from Five Star Products



FIVE STAR PRODUCTS has engineered time-saving solutions to repair concrete machine foundations, capped with the appropriate epoxy machinery grout for rotating equipment support to complete a total equipment foundation rebuild. These solutions achieve early high ultimate strengths, reduce costly downtime and enable quicker return-to-service times, with capping options that provide variable return to service times.



RETURN TO SERVICE SOLUTION

MULTI-LIFT • PRECISION NON-SHRINK FOUNDATION **DYNAMIC LOAD**



Structural Concrete ES-60

Comprehensive Strength
AST C 942 (C109 restrained)

Suitable to grout: 8 Hrs

RETURN TO SERVICE TIMES (HRS)

16 24 32

CAPPING OPTIONS:



Rapid Epoxy Grout

8,000 psi
Compressive strength
ASTM C 579 B*



SP Epoxy Grout PG

16,500 psi
Compressive strength
ASTM C 579 B*



DP Epoxy Grout PG

9,000 psi
Compressive strength
ASTM C 579 B*



* ASTM C 579 load rate II (0.25 inches per minute)
Return to Service (RTS) time reflects cumulative cure time for both lifts.

Higher ambient temperatures will accelerate strength development.



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For placement guidelines and typical properties please refer to TDS on our website: fivestarprouducts.com.

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown may result. Test methods are modified where applicable.