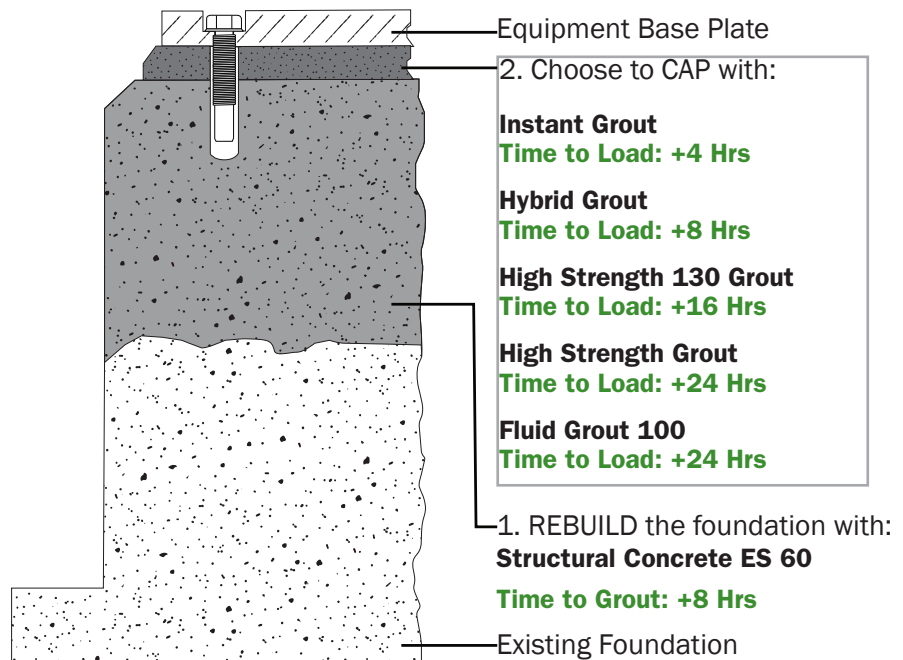




# MULTI-LIFT FOUNDATION SUPPORTING **STATIC/LOW-VIBRATORY LOADS**

- 1. **Rebuild** the foundation with Structural Concrete ES-60
- 2. **Cap** the rebuilt foundation with
  - 4-hour Instant Grout
  - 8-hour Hybrid Grout or
  - 16-hour High Strength 130 Grout
  - 24-hour High Strength Grout
  - 24-hour Fluid Grout 100
- Placement versatility:  
Pour or Pump
- Working Time:  
30-90 Minutes
- Custom Composition:  
Extend with coarse aggregate
- Optimal Effective Bearing Area:  
Achieve 95%+

## Return to Service in as Little as 12 Hours



To ensure project success, **Five Star Products** extends our expertise in the form of:

- Specification Design Guidance
- Application Mock-Ups
- Product Selection Guidance
- On-Site Support
- Pre-Grout Meetings
- Product Demos
- Project Pricing
- Installer Training

Experience unparalleled efficiency with **Five Star Products' Rapid Return to Service Systems**. Specially designed for quick foundation repairs, our systems ensure a rapid rebuild without compromising long-term durability. Our precision non-shrink epoxy grout provides reliable support for all types of rotating machinery, ensuring optimal operational stability. With a variety of capping options to suit different compressive strength needs and timelines, our systems are versatile and adaptable to your specific requirements.

Developed for early strength gain, our innovative systems significantly reduce downtime, allowing for the industry's quickest return to service. Choose Five Star Products not only for speedy repairs but also for lasting quality, exceptional stability, and significant cost savings.



**RAPID  
RETURN TO  
SERVICE  
SYSTEM**

# PRECISION NON-SHRINK **MULTI-LIFT FOUNDATION SUPPORTING** **STATIC/LOW-VIBRATORY LOADS**








## **Structural Concrete ES-60**

4,000 psi (28 MPa) Compressive Strength @ 70 °F (21 °C)  
ASTM C 942 (C109 restrained) - 90 min. working time

Time to  
Grout  
**8 Hrs**

### **CAPPING OPTIONS:**

			<b>Compressive Strength @ 70°F (21°C)</b>	<b>Min. Depth of Pour</b>	<b>Max. Depth of Pour</b>	<b>Time to Load</b>	<b>Return to Service Timeframe</b>
<b>Instant Grout</b>							
	ASTM C942 (C109 Restrained)	10 min. working time	4,000 psi (27.6 MPa) 4 hours	1" (25 mm)	3" (75 mm)	<b>+4 Hrs</b>	<b>=12 Hrs</b>
<b>Hybrid Grout</b>							
	ASTM C942 (C109 Restrained)	30 min. working time @ 72°F (22°C)	4,000 psi (27.6 MPa) 8 hours	3/4" (19 mm)	6" (150 mm)	<b>+8 Hrs</b>	<b>=16 Hrs</b>
<b>High Strength 130 Grout</b>							
	ASTM C942 (C109 Restrained)	60 min. working time	5,500 psi (37.9 MPa) 24 hours	1" (25 mm)	6" (150 mm)	<b>+16 Hrs</b>	<b>=32 Hrs</b>
<b>High Strength Grout</b>							
	ASTM C942 (C109 Restrained)	20 min. working time	5,500 psi (37.9 MPa) 24 hours	1 " (25 mm)	6" (150 mm)	<b>+24 Hrs</b>	<b>=32 Hrs</b>
<b>Fluid Grout 100</b>							
	ASTM C942 (C109 Restrained)	30 min. working time	5,800 psi (40 MPa) plastic consistency; 3,500 psi (24.2 MPa) fluid consistency 24 hours	1/2" (12 mm)	6" (150 mm)	<b>+24 Hrs</b>	<b>=32 Hrs</b>

**Higher ambient temperatures will accelerate strength development.** For placement guidelines and typical properties, please refer to the TDS on our website: [fivestarproducts.com](https://www.fivestarproducts.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.



**FIVE STAR**