

S L U T I O N S

PROJECT:

*New Afton Gold Mine,
Canada*

OWNER: *New Gold Inc.*

YEAR: *June 2012*



The Details

PROJECT CONTRACTOR:

Acres Enterprises

PROJECT ENGINEER:

AMEC

MARKET/ENVIRONMENT:

Mining

SUBSTRATE:

Concrete

PRODUCT USED:

Five Star® DP Epoxy Grout High Flow

SIZE OF PROJECT:

80 units of Five Star® DP Epoxy Grout High Flow were required



The Challenge — Installation of pads under bearing plates for the electrical drive motors, pinion drives and inch drives.

The Solution — Known for its permanent machinery support and precision alignment capabilities, the product chosen for this project was Five Star® DP Epoxy Grout High Flow. Acres Enterprises, General Contractor for the site, mixed and installed the grout. Simon Huser, Site Superintendent, was pleased with the ease of mixing and clean up, and the excellent flow of this odorless grout.

Five Star® DP Epoxy Grout is the only expansive, non-shrink, low exothermic epoxy system for machinery grouting. This versatile, dual purpose product is formulated for single, large volume placements and may be used as thin as 1/2 inch (13 mm) in depth.



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DP EPOXY GROUT

Dual-Purpose, Deep Pour Precision Grout, Standard/High Flow

PRODUCT DESCRIPTION

Five Star® DP Epoxy Grout is the only expansive, non-shrink, low exothermic epoxy system for machinery grouting. This versatile, dual purpose product is formulated for single, large volume placements and may be used as thin as 1/2 inch (13 mm) in depth. Five Star® DP Epoxy Grout is a three component, 100% solids, solvent-free system formulated to provide high-strength and superior creep resistance combined with the highest effective bearing area. Five Star® DP Epoxy Grout exhibits positive expansion when tested in accordance with ASTM C 827.

ADVANTAGES

- Permanent support for machinery requiring precision alignment
- Low exothermal properties with early strength development
- Long working time
- Solvent-free clean up
- Adjustable flow for various conditions
- Expansive, non-shrink per ASTM C 827
- Superior creep resistance
- Chemically resistant
- 95% effective bearing area (EBA) when following proper grouting procedures
- Excellent adhesion to steel

USES

- Large volume applications
- Foundation rebuilds and skid mounted equipment
- Precision alignment under dynamic load conditions
- Vibration dampening for rotating equipment
- Aggressive chemical environments
- Support of tanks, vessels and rotating equipment
- Installation of anchors and dowels
- Wind turbine baseplates
- Available for Nuclear Safety Zone Applications¹

¹Compliant with NRC 10CFR50 Appendix B and ASME NQA-1 Quality Programs

FIVE STAR® SERVICES

- Design-A-Spec™ engineering specification assistance
- Technical on-call center with field and project experienced staff
- Field support representatives for on-site consultation
- Corporate research laboratory available to customize products for unique applications



For worldwide availability, additional product information and technical support, contact your local Five Star® licensee, distributor, local sales representative, or you may call the Five Star Products' Engineering and Technical Service Center at 1-800-243-2206 (from the U.S.) or +1 203-336-7900 (outside the U.S.).



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