



- Products
- FASLOC[®] Resin Cartridges
- The FASLOC[®] Cartridges**
- Advantages
- Performance Data
- General Installation Instructions
- Product Overview

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FASLOC[®] Resin Cartridges

Polyester resin anchoring system

The Cartridge



Description

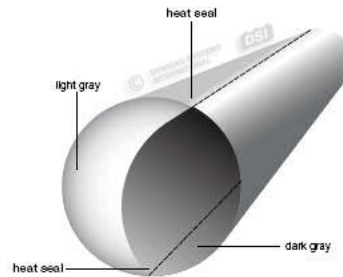
The FASLOC[®] resin in the cartridge is used to anchor bolts to the surrounding strata. This unification of the resin, bolt and strata layers provides the necessary strength and rigidity to prevent sag by acting as a reinforcement which anchors the individual stratified layers of rock into a single high strength beam.

The two-compartment cartridge shown in illustration A above consists of a heat-sealed tube of polyester film clipped at both ends. One compartment contains a dark gray resin; the other, a light gray catalyst. A cross section of the cartridge is shown in illustration B.

A film barrier of heat sealed polyester film prevents migration between the resin and the catalyst to provide optimum shelf life. The excellent chemical resistance of the film minimizes migration from the inside and the absorption of contaminants from the outside.

The light-weight, dimensionally stable casing of film is strong enough to withstand rough handling, but shreds quickly and thoroughly during the installation procedure.

FASLOC[®] is thixotropic and fast setting. This reduces viscosity during insertion of the bolt and permits relatively low installation force and torque. The results are fast installation, rapid achievement of full strength, and a minimum tendency for ungelled resin to drip from the holes during installation.



For more information please contact:

Fasloc[®], Inc.
Manufacturing & Customer Service
 Potomac River Works
 447 Dupont Road
 Martinsburg, WV 25401

Main:
 304-274-2121
Customer Service:
 800-327-5628
 304-274-5241