



Product datasheet

Linebacker[®] crusher liner epoxy

FLS Linebacker[™] crusher liner epoxy is a liquid epoxy compound used for reinforcement, space filling, and noise and vibration reduction in rock crushing machines.

Strong and effective

Like its football namesake, Linebacker[™] is strong and dependable. It is used in the aggregates, mining and minerals processing industries and is easily applied between both cone and gyratory crusher liners and the crusher body.

Benefits

- OEM (original equipment manufacturer) recommended
- Suitable for different applications and duties
- Enables the proper seating of liners, maximising both liner and crusher body life.

A choice of epoxy resin strengths in a simple application

OEM recommended

Linebacker® is OEM (original equipment manufacturer) recommended, giving you assurance that the product is specifically suited to the FLSmidth® line of cone and gyratory crushers. An added bonus is that Linebacker® can be used with confidence with most other crusher brands. There are three options suited to specific applications and operating conditions

Easy to use

All that is needed for use is to make sure that the backing surfaces are dry, free of rust, dirt, grease and oil. Assemble the crusher parts in the usual manner. Mix the two parts (resin and hardener) and simply pour into the void spaces between the liner and crusher body. Where bonding to a surface is not required, coat the surface with a light oil or release agent.

Features

- Special version available for colder temperatures
- Ease of use
- Uniform Pourability
- Durability

The backing does not contain VOCs, butyl glycidyl ether (BGE)¹, or nonyl phenol²



¹ Butyl Glycidyl Ether. The EPA (SARA Title III, section 312) lists it (BGE) as "Toxic" (per ANSI Z129.1) by skin absorption and an immediate health hazard.

² Nonyl Phenol is a Marine Pollutant and considered "Dangerous for the environment" per the EU directive 79/831/EEC.

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Linebacker™ Standard crusher liner epoxy

Linebacker™ Standard crusher liner epoxy is designed and recommended for smaller cone crushing applications, typically aggregates and other soft-to-medium hardness materials. The uniform consistency, pourability and cured toughness assure support of cast wear parts operating under typical service conditions.

Compressive strength: 114 MPa (16,500 psi) ASTM D 695.

Linebacker™ Heavy Duty crusher liner epoxy

Linebacker™ Heavy Duty crusher liner epoxy is the preferred backing material for tough, demanding or troublesome crushing applications such as those handled by larger cone and gyratory crushers. It is uniquely formulated for high impact resistance, high compressive strength, and very low water absorption to ensure added strength.

Compressive strength: 124 MPa (18,000 psi) ASTM D 695.

Linebacker™ Cold Weather crusher liner epoxy

Linebacker™ Cold Weather liner epoxy features heavy duty backing material for tough, demanding, and troublesome crusher applications and is specifically designed for curing in cold temperature environments. It is suitable to be used when air temperatures are between -4 to 16° C (25° to 60° F) with optimum pouring temperature between 7 to 13° C (45 to 55° F).

Compressive strength: 129 MPa (18,700 psi) ASTM D 695.

Linebacker™ Bushing Lock epoxy

We also offer Linebacker™ Bushing Lock.

It is a specifically-formulated product for locking bushings into position in all makes of gyratory and cone crushers.

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