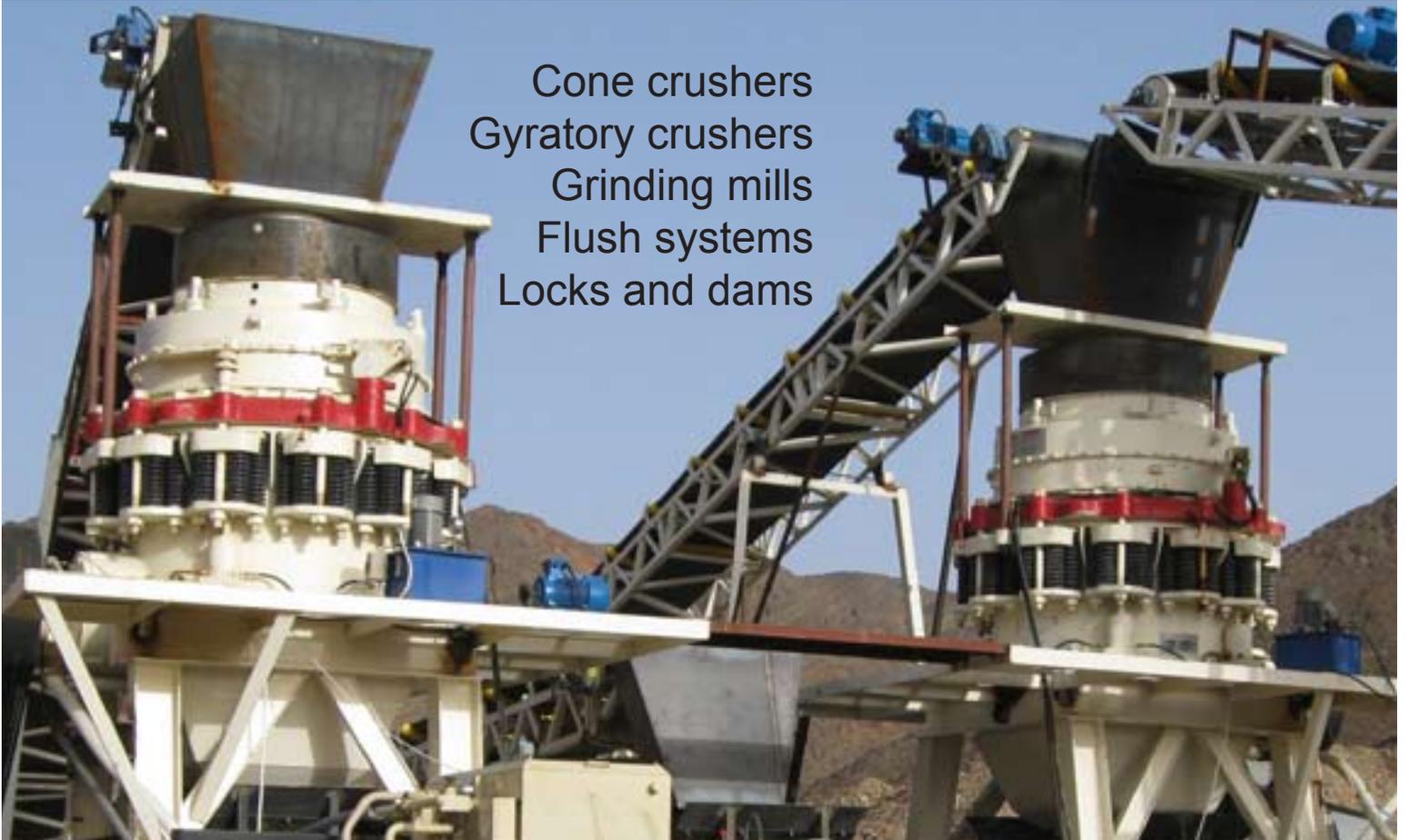


epoback[®] High Performance

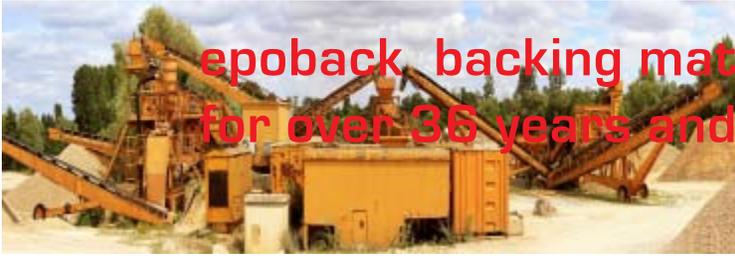
Crusher Backing Products



Cone crushers
Gyratory crushers
Grinding mills
Flush systems
Locks and dams



Performance in Formulation



epoback backing material is a proven system for over 35 years and a leader in its industry



epoback HP[®]

Backing system for wear plates in cone crushers and grinding mills

Compatible with all types of crushers and grinding mills

Excellent stability (volumetric) eliminates gaps between liners

Industry standard two part system backing

High performance version compound

Improved safety with low VOC

High compressive strength

Excellent resistance to impact (resilience)

Lower odor

Low shrinkage

Available worldwide

epoxa us

System Benefits

Excellent support and protection of wear liners

Pourable user friendly epoxy compound

100% solids for maximum protection of cone crushers and grinding mills

Excellent strength and resistance

No special tools needed

No more dangerous zinc pours

No more hazardous melting of any kind

Industry proven product in mines and quarries around the world

Convenient 2 gallon and 5 gallon kits

Dent resistant recyclable plastic buckets

Made in the USA with American components

Technical Data

PRODUCT	Bucket	color mixed	operating temperature f/c	impact strength ft lbs/in	tensile strength psi	compression strength psi	coverage 1/4 in thick cubic inches	hardness D shore	working time min 77f 25c
epoback High Performance	2 gallon kit	red/beige	218/103	1.7	7128	19392	340	87	20
	5 gallon kit	red/beige	218/103	1.7	7128	19392	850	87	20

Product Knowledge

Application Conditions

Epoxies cure faster in warm weather and slower in cold weather. Curing times are related to temperature and mass (quantity of product mixed)

The larger the mass and the hotter the temperature, the faster the cure.

The smaller the mass and the colder the temperature, the slower the cure.

Cold Weather Application

For cold weather application and reduce curing time you can warm up backing buckets in a hot water bath or by placing buckets in proximity to a heat source (radiant).

The mantles, bowls or concaves should ideally be warm if faster cure is desired.

Apply heat to the outside of the mantle or concave with a torch to heat up the piece to about 95f (35c) and a maximum of 125f (52c).

Another optional option is to use epoback **Cold Temperature Accelerator** below 41f (5c)

Warning

Do not apply direct flame of a torch to the plastic buckets. Do not heat using metal coils of any kind directly touching the buckets.

Do not mix extra hardener, it will not accelerate the cure.

Unusual Hot Weather Application

Under very hot weather epoback system working time can be extended by two methods.

Mixing smaller quantities of product will extend the working time (less mass)

Storing epoback backing material buckets in a cold air conditioned place to cool them down prior to mixing.

Mixing Instructions

Mix the resin part by itself for 1-2 minutes. Add the hardener to the resin while mixing the resin

Continue mixing for approximately 2-3 minutes and pour the mix immediately after.

Storage

Store epoback high performance backing system in a cool and dry place around 55f - 80f (13c - 27c) Use older product first based on manufacturing date.



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