

CERCOAT 809

Cercoat 809 is a 2 component aqueous based medium gray ceramic coating. This is a high expansion ceramic that is an excellent coating for iron and steel where heat is a factor. This coating operates from cryogenic temperatures all the way up to 3400 °F. This is excellent in fly ash and anytime abrasion resistance is needed at elevated temperatures. It is resistant to most gases and has good moisture resistance. Being ceramic it also has excellent heat conducting properties and being light in color will protect surfaces from radiant heat effects. When applied in a thicker mixture and can be used as a high temperature caulking and gasket cement. The coating may be applied by any popular means it can be diluted with clean water and sprayed it can also be applied using a brush or roller. It is water based so tools and spills can be easily cleaned.

Cercoat 809 is a simple 2-component mixture where the thick liquid is mixed with powder component. You can vary the amounts to suit your application from light creamy fluid to thick paste. If Cercoat 809 is to be sprayed first mix it up to a thick liquid like latex paint. Then using clean water add small amounts of water to “cut” it to a spray able viscosity. Naturally the surfaces need to be clean and free from all oils or greases. If possible we suggest that the surface be cleaned with an abrasive type cleaner such as Ajax that will prepare the surface and assure adhesion. After painting a minimum of 1 hour be allowed for the material to dry. Then a final dry if possible of about 170°F before the Cercoat is exposed to temperatures above 300 °F. If this is impractical then make sure that the coating is air dried for a day in low humidity before high temperature exposure.

Max Temp	Min Temp	CT E	Moist Resist	Elect Resist
3400°F	-256°F	8.1	Exclnt	V Good

Pint	Quarts	Gallon	5 Gal.
\$65	\$100	\$180	call