

Cercoat 815

Cercoat 815 is a medium expansion bright white coating for use on other ceramics and refractory metals. It is a mostly Alumina bright white coating can go up to 3000°F and has good reflective properties. It also will bind insulation surfaces to prevent dusting. The bright white surface and the sealing of the surface reflects heat so can be used to provide a more uniform heat in ovens and kilns. It will create a strong barrier to abrasion as well improve resistance to mechanical impact. It is a single component coating paint that may be applied by dipping, brushing, or spraying. It is also recommended for surface sealing of fixtures etc. where there is a chance that moisture would be picked up and have to be driven off before reheating. It has been used on electrical components in heat to provide electrical insulation at elevated temperatures.

Cercoat 815 just has to be mixed thoroughly to a uniform consistency. It may be thinned with clean water if lowered viscosity is required for spraying. The surfaces need to be clean and sturdy before painting. If the surface to be coated is extremely porous then it should be wetted down with water to prevent it from wicking all the binders from the coating. We can provide a wash if required that will stop some of the porosity before the final coat is applied. The coating should be air dried for a few hours until hard. The residual moisture is driven off by slow heating at 170°F. The moist areas will have a slightly darker wet appearance and will turn whiter when dried. The coating can then be used at high temperatures.

Max Temp	Min Temp	CT E	Moist Resist	Elect Resist
3000°F	-250°F	4.2	Excellent	Good

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