



Aseal Aerospace Coatings

Inorganic ceramic binders allow the ALSEAL line of coatings to endure the extreme temperatures and environments that exist in stationary and aviation gas turbines. The incredible protection and durability of ALSEAL coatings has led to most of the major turbine manufacturers specifying its use.

Dry Film Lubricants

Aseal360

High temperature coating composition containing a graphite blend in an inorganic binder. This coating will air dry and is used to protect mating parts from seizing and galling at temperatures up to 1200F.

Aseal370

High temperature coating composition containing a graphite / molybdenum disulfide blend in an inorganic binder. This coating will air dry and is used to protect mating parts from seizing and galling at temperatures up to 800F.

Base Coats

Aseal500

High temperature coating composition containing aluminum powder in an inorganic binder. Provides sacrificial corrosion protection to temperatures up to 1100F and heat oxidation protection to temperatures as high as 2200F. Can be cured as low as 350F, but can not be used on mild steel substrates. Also available as a dip coating (Aseal 585).

Aseal518

High temperature coating composition containing aluminum powder in an inorganic binder. Provides sacrificial corrosion protection to temperatures up to 1100F and heat oxidation protection to temperatures as high as 2200F. Must be cured at 400F min., but can be used on all steel substrates.

Aseal519

Formulated to provide smoother surface finishes and higher erosion resistance than ALSEAL 518 while still providing all the corrosion and high-temperature properties.

Aseal625 Diffusion Coating

High temperature coating composition containing aluminum powder in an inorganic binder. ALSEAL 625 applied with standard paint spray equipment and then diffused at high temperature into the substrate to provide oxidation and erosion resistance up to extremely high temperatures. The coating can be used on all nickel based alloys.

Top Coats

Alseal590

Two component high temperature coating composition containing PTFE. The purpose of this coating is to reduce friction and function as an anti-stick / anti-fouling sealer over ALSEAL 500, 518, and 519.

Alseal598

ALSEAL 598 sealcoat is a high temperature resistant inorganic composition for use over ALSEAL 500, 518, and 519. The purpose of this sealer is to enhance the smoothness of the Alseal basecoats and to extend the long term corrosion protection by retarding the sacrificial consumption of these coatings. Available in multiple colors.

Touch-Ups

Alseal505

Air-dry inorganic touch-up coating for use over ALSEAL 500, 518, and 519.

Alseal610

Air-dry inorganic touch-up coating for use over ALSEAL 598 sealcoat.

Available Top Coat Colors

The colors shown are only representative and are not intended to be exact color matches to the actual product. Colors will vary.



Forest Green



Tan



Yellow



Valley Green



Chestnut Brown



Sky Blue



Emerald Green



Black



Midnight Blue



Light Gray



Charcoal