

## AkzoNobel Aerospace Coatings

# alumiGRiP

### Environmentally progressive coatings for General Aviation aircraft



**AkzoNobel**

Tomorrow's Answers Today

Alumigrip® is recognized for its outstanding quality and superb finish. The new Alumigrip® products drive General Aviation coating technology forward in conjunction with key industry demands for chrome elimination and cycle time reductions.

#### ALUMIGRiP® 4101

- Chrome free primer  
Alumigrip® 4101 is a chrome free corrosion inhibiting epoxy primer. The primer is specifically formulated for application to conversion coated exterior aluminum and composite surfaces prior to the application of the decorative topcoat. Alumigrip® 4101 pushes the forefront of technology regarding chrome free primers. It provides a cost effective option for users to lower their exposure to chromates during the application and sanding processes. It may eliminate the need for capital expenditures to upgrade paint hangar environmental systems. Approved to Hawker Beechcraft specification BS178928, Alumigrip® 4101 is an important innovative product for today's environmentally concerned aerospace industry leaders.

#### ALUMIGRiP® 4001

- Chrome free primer/surfacer  
Alumigrip® 4001 is a combination primer/surfacer formulated for application to reactivated process primers. It may also be applied directly to metal using a chemical conversion coating per MIL-C-5541. This unique product significantly reduces process time by providing chrome free corrosion inhibition and the benefits of a primer/surfacer in one product.

This combination of properties enables the applicator to further reduce process time while providing the basis for a high gloss finish.

Essentially, you achieve a superior looking aircraft more quickly!

#### ALUMIGRiP® 4200

- Low VOC Topcoat  
Alumigrip® 4200 is a buffable polyurethane topcoat that provides premium gloss and superior Distinctness of Image (DOI). This makes it the ideal product to meet the high expectations of today's discriminating aircraft owners.

Formulated to provide the most forgiving application parameters in high temperature and humidity conditions, this topcoat provides a wide application window resulting in less re-work.

Alumigrip® 4200 is incredibly easy to apply and results in a beautiful, smooth finish.

#### ALUMIGRiP® Base Coat / Clear Coat

- Base Coat / Clear Coat system  
Alumigrip® Base Coat and Alumigrip® Clear Coat is the latest topcoat technology that has been shown to reduce cycle time up to 40%. Used in place of Alumigrip 4200 or used for accent colors, this buffable system provides extended durability, superior hiding and a smooth, glass finish.

A full line of colors including special effects are available.



### alumiGRiP paint system



For more information on AkzoNobel Aerospace Coatings contact your local representative, any of the country offices listed on this page, or visit our website at: [www.akzonobel.com/aerospace](http://www.akzonobel.com/aerospace)

e-mail us at: [customer.service@akzonobel.com](mailto:customer.service@akzonobel.com)

While innovation, product quality, and user-friendly application properties are the core elements of our product development process, color is the owner's personal signature on its aircraft. AkzoNobel Aerospace Coatings offers an extensive palette of colors in solids and special effects. Once color and design decisions have been made, our Technical Service and Support team can provide on-site consultation, along with extensive training programs for all personnel involved in the application of AkzoNobel products.

#### Worldwide operations

|                 |                |
|-----------------|----------------|
| Brazil          | Russia         |
| China           | Spain          |
| France          | Thailand       |
| Germany         | United Arab    |
| Italy           | Emirates       |
| Japan           | United Kingdom |
| The Netherlands | United States  |

AkzoNobel is the largest global paints and coatings company and a major producer of specialty chemicals. We supply industries and consumers worldwide with innovative products and are passionate about developing sustainable answers for our customers. Our portfolio includes well known brands such as Dulux, Sikkens, International Paint and Eka. Headquartered in Amsterdam, the Netherlands, we are a Global Fortune 500 company and are consistently ranked as one of the leaders on the Dow Jones Sustainability Indexes. With operations in more than 80 countries, our 55,000 people around the world are committed to excellence and delivering Tomorrow's Answers Today™.

AkzoNobel Aerospace Coatings is an ISO 9001, ISO 14001 and AS9100 certified company.

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#### alumiGRiP 4101 - Chrome free primer

| Features              | Advantages                                                 | Benefits                                                  |
|-----------------------|------------------------------------------------------------|-----------------------------------------------------------|
| Chrome free           | Safer for the environment<br>Reduced exposure to chromates | Improved company image,<br>reduce environmental liability |
| Smooth finish         | Ideal surface for<br>decorative topcoat                    | Enhances appearance<br>of decorative topcoat              |
| Excellent flexibility | No cracking or peeling                                     | Longer lasting finish                                     |

#### alumiGRiP 4001 - Chrome free primer/surfacer

| Features                                         | Advantages                                                 | Benefits                                                  |
|--------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| Corrosion inhibition &<br>primer/surfacer in one | Reduced process times                                      | Faster aircraft delivery                                  |
| Chrome free                                      | Safer for the environment<br>Reduced exposure to chromates | Improved company image,<br>reduce environmental liability |
| Superior application properties                  | User friendly, less re-work                                | Reduced cycle time                                        |

#### alumiGRiP 4200 - High solids topcoats

| Features                                               | Advantages               | Benefits                               |
|--------------------------------------------------------|--------------------------|----------------------------------------|
| Easy to apply                                          | Improved application     | Extremely smooth,<br>high gloss finish |
| Extremely forgiving in<br>higher temperatures/humidity | Wider application window | Less re-work                           |
| Buffable                                               | Reduces rework           | Reduced labor costs                    |

#### alumiGRiP Base Coat / Clear Coat

| Features                             | Advantages                                          | Benefits                                                 |
|--------------------------------------|-----------------------------------------------------|----------------------------------------------------------|
| Base Coat / Clear Coat               | Extended Durability                                 | Extended life of coating,<br>re-painting less frequently |
| Higher volume of pigment<br>in color | Superior hiding properties,<br>less layers to paint | Reduced cycle time                                       |
| Buffable                             | Reduces re-work                                     | Reduced labor costs                                      |

# alumiGRIP Base Coat Clear Coat

## High quality coatings for General Aviation aircraft

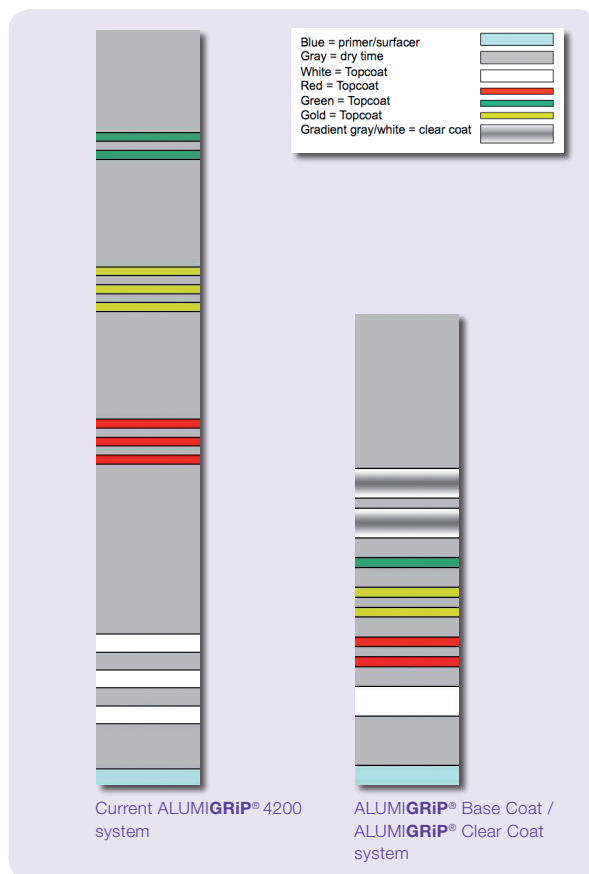


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Alumigrip® is recognized for outstanding quality, superb appearance and peace of mind. The new Alumigrip® Base Coat and Alumigrip® Clear Coat products add the latest in topcoat technology to AkzoNobel Aerospace Products' portfolio of coatings solutions for the General and Business Aviation Market.

### Features of the system:

- Three component, high solids (low VOC) topcoat formulated to exceed the performance and appearance requirements of the General Aviation Industry.
- Resistant to military and commercial aircraft fluids and is also solvent resistant.
- Buffable: means less re-work resulting in reduced labor costs.
- Extended durability
  1. Improved color retention
  2. Improved gloss retention
  3. Longer coating life
  4. Reduced cost over life of aircraft
- Designed to reduce cycle times by up to 40% compared with paint systems currently on the market:
  1. Superior hiding properties of the Alumigrip® Base Coat allows applicators to achieve full hide in fewer layers, reducing application time
  2. Masking tape can be applied within 2 hours of application saving up to six hours or more dry time per color
  3. A full line of activators for both Alumigrip® Base Coat and Alumigrip® Clear Coat is designed to address a wide range of temperature and humidity conditions allowing painting to be performed virtually anytime, anyplace.



*"The cost effectiveness of the product, including the process of "prepping" the aircraft is advantageous. It cuts down on shop materials, preparation time and leaves a nice gloss on the final product. I particularly like the Alumigrip® Clear Coat. It is easy to use, and in my opinion one of the best clear coats I have used in my career. "*

Robert Loomis  
Loomis Executive Jet Refinishing

Color is the aircraft owner's personal signature, and Alumigrip® Base Coat supports this through an extensive palette of colors in solid and special effects. This new topcoat technology offers incredible Distinctness of Image (DOI) with a consistently smooth and high gloss finish while delivering extended durability. The benefit is the extended life of the coating, resulting in less essential re-painting during the life of the aircraft.

Our Technical Service and Support team is ready to provide on-site consultation and training for all personnel involved with the use of the Alumigrip® Base Coat and Alumigrip® Clear Coat.

We offer complete process documents, developed specifically for the appropriate application method required.

The entire Alumigrip® product range is designed specifically to meet the complex requirements of General Aviation manufacturers, and it also ensures the flexibility required to meet the varying conditions in the aftermarket.

Alumigrip® is the name you can trust for all your coatings solutions in the General Aviation market. For a comprehensive list of all the available Alumigrip® brand of products please visit our website: [www.akzonobel.com/aerospace](http://www.akzonobel.com/aerospace).

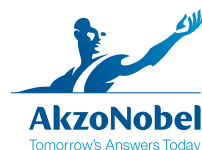
For more information on AkzoNobel Aerospace Coatings contact your local representative or visit our website at: [www.akzonobel.com/aerospace](http://www.akzonobel.com/aerospace)

e-mail us at: [customer.service@akzonobel.com](mailto:customer.service@akzonobel.com)

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