

Base coat/clear coat systems for paint facilities

Leader in gloss and color retention



AkzoNobel's world-class Aerobase and Aerodur base coat/clear coat systems provide paint facilities with high-quality, efficient and eco-friendly paint solutions.

Formulated with the best performing ingredients on the market, AkzoNobel Aerospace Coatings is the first to deliver reliable base coat/clear coat systems to the aerospace industry. These robust systems require only one coat per color, plus one layer of clear coat.



Easy and fast

The high pigmentation of the base coat provides bright colors and optimum opacity. As a result, all required colors typically achieve industrial hiding in a single stage, whereas before two to three layers per color were required.

The base coat offers fast tape times. Compared to standard paint systems, drying times are down from ten hours to two hours, allowing a second color or the clear coat to be applied with waiting time. This optimized process allows for shorter application times and easier maintenance, potentially increasing throughput and making aircraft ready for commercial flights much sooner.

- One coat instead of two or three
- Two hours drying time instead of ten

Clear saving, added value

After application of the base coat, the entire surface of the aircraft is sprayed with a clear coat. The clear coat provides ultimate protection, unmatched color retention and produces a smooth brilliant finish, allowing paint facilities to deliver the most durable and best-looking aircraft in the industry.

Paint shop customers will experience the best combination of appearance and durability with aircraft that retain that 'factory new' look for longer. The smoother surfaces has proven advantages for cleanability, helping to improve fuel efficiency alongside reduced weight.

- Most durable finish in the industry
- Increased customer satisfaction

aerODUR **aerOBASE**

Environmentally progressive

The high solids technology offers potential benefits to the sustainability image of your paint facility. Energy usage can be reduced due to faster drying and processing time, and with typically less wet paint applied, fewer solvents evaporate at application, reducing your impact on the environment.

The base coat/clear coat systems are formulated for easier application, requiring fewer coats and reducing drying time, potentially enabling your team to turnaround more paint jobs in less time, while using less material. Aircraft painted with base coat/clear coat look at their best and can now get in and out of the paint shop faster.

- High solids technology
- Less paint required
- Reduced energy usage

Ease of repair

As the industry's leading base coat/clear coat paint systems, Aerobase and Aerodur make it quick and easy to get the desired look the first time, eliminating costly re-work. These advantages also extend to maintenance jobs, reducing the amount of time required to re-work previous coatings through easier application and shorter drying times.

- Reduced costly re-work
- Buffable clear coat

For more information on AkzoNobel Aerospace Coatings contact your local representative, or visit our website at:

akzonobel.com/aerospace e-mail us at:
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www.akzonobel.com/aerospace

AkzoNobel is a leading 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 and Eka. Headquartered in Amsterdam, the Netherlands, we are consistently ranked as one of the leaders in the area of sustainability. With operations in more than 80 countries, our 50,000 people around the world are committed to delivering leading products and technologies to meet the growing demands of our fast-changing world.

Conventional system

Base Coat/Clear Coat



Features:

- Unique pigment/binder formulation for superior hiding at low dry film thickness
- Fast-drying base coat and alternative activators
- Chrome-free pigmentation
- Optimum flow of the clear coat
- Low dirt pick-up

Benefits:

- Fewer layers required
- Cycle time reduction and increased production rates
- Application flexibility
- Lower VOC emissions – safer working conditions
- Retains 'factory new' look
- Improved customer satisfaction