

Base coat/clear coat systems for paint facilities

Leader in gloss and color retention



AkzoNobel

Tomorrow's Answers Today

AkzoNobel's world class Aerobase and Aerodur base coat/clear coat systems provide a door opener for paint facilities looking for quality, efficiency, and environmentally progressive paint solutions.

Formulated with the best performing ingredients available on the market, AkzoNobel Aerospace Coatings is the first to deliver reliable base coat /clear coat systems to the aerospace industry.

The robust systems only require one coat per color and one layer of clear coat.

Easy and fast

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

The base coat offers fast tape times. Compared to standard paint systems, drying times are down from ten hours to two hours before a second color or the clear coat can be applied. With an optimized paint process, this can move aircraft more quickly through the painting cycle. Easier maintenance and shorter application time can potentially increase throughput and make the aircraft earlier available for commercial flight.

- **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. Paint facilities can now deliver aircraft with the best looking, most durable decorative finish in the industry.

Paint shop customers will experience the best combination of appearance and durability with aircraft that look 'factory-new' longer. The smooth surface gives proven advantages of clean-ability. Cleaner aircraft and potential reduction of weight of the coating system are expected to improve fuel efficiency.

- **Most durable finish in the industry**
- **Happy customers**



Hiding in one coat instead of two or three

Drying in two hours instead of ten

Clear coat with flexible process speed and excellent levelling and flow characteristics

aerobase **aerodur**



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. With typically less wet paint applied, fewer solvents evaporate at application, resulting in less impact for the environment.

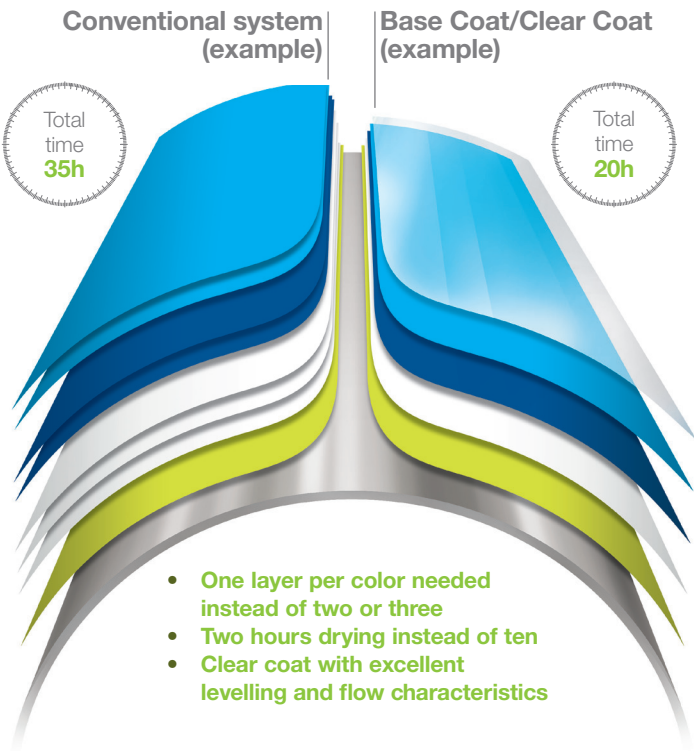
The base coat/clear coat systems are formulated to go on easier, in fewer coats and with less dry time. Your paint team can potentially turnaround more paint jobs in less time, with less material. Aircraft painted with base coat/clear coat look at their best and can now get into - and out of the paint shop faster.

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

Ease of repair

The industry's leading base coat/clear coat paint systems make it quick and easy to get the desired look the first time, eliminating costly re-work. Some maintenance jobs require re-works of the coating. In addition to buffability of the clear coat, these re-works will share the advantages of easier application as well as short drying times.

- Reduced costly re-work
- Buffable clear coat



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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 and Eka. Headquartered in Amsterdam, the Netherlands, we are a Global Fortune 500 company and are consistently ranked as one of the leaders in the area of sustainability. With operations in more than 80 countries, our 55,000 people around the world are committed to excellence and delivering Tomorrow's Answers Today™.

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Features:

- Unique pigment/binder formulation for superior hiding at low dry film thickness
- Fast drying base coat
- Alternative activators
- Clear coat formulation options
- High solids technology
- Chrome free pigmentation
- Optimum flow of the clear coat
- Low dirt pick up

Benefits:

- Fewer layers required
- Cycle time reduction and increased production rates
- Reduced energy usage
- Reduced costly re-work
- Application flexibility
- Lower VOC emissions
- Environmentally progressive
- Safer working conditions
- Retains 'factory-new' look
- Happy customers

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

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