

Basecoat/Clearcoat Systems for paint facilities

AkzoNobel's world-class Aerobase and Aerodur basecoat/clearcoat (BCCC) systems provide paint facilities with efficient, high-quality paint solutions that support an organization's commitment to sustainability. BCCC systems require only one coat per color, and one layer of clearcoat to deliver the optimum performance.

Easy and fast

The high pigmentation of the basecoat provides bright colors and optimum opacity, enabling coaters to achieve the performance they need in a single stage, whereas two or even three layers may have been needed previously.

The basecoat enables tape times to be accelerated. Compared to 'standard' paint systems, drying times are reduced from 10 hours to around two, allowing a second color or the clearcoat to be applied more quickly. This optimized process allows for shorter application times and easier maintenance, potentially increasing throughput, reducing time spent on the ground and making aircraft ready for commercial flights much sooner.

- One coat instead of two or three
- Two hours drying time instead of 10

Clear saving, added value

After application of the basecoat, the entire surface of the aircraft is sprayed with a clearcoat. The clearcoat provides ultimate durability and protection alongside unrivalled color retention. It also produces a smooth brilliant finish, allowing paint facilities to deliver the best-looking aircraft in the industry, retaining their 'factory fresh' look for longer. The smoother surfaces have proven advantages in terms of being easier to clean, as well as helping to improve fuel efficiency alongside reduced weight.

- Most durable finish in the industry
- Increased customer satisfaction



Features and benefits of the system

Feature

Unique pigment/binder formulation for superior coverage at low dry film thickness

Fast-drying basecoat and alternative activators

Chrome Free pigmentation

Optimum flow of the clearcoat

Low dirt pick-up

Benefit

Fewer layers required

Cycle time reduced, and production cycles accelerated

Greater flexibility in application

Lower VOC emissions – helping to deliver even safer working conditions

Retains 'factory fresh' appearance for longer

Environmentally progressive

The use of high solids technology helps support a facility's drive for sustainability. Faster drying and processing times help reduce energy consumption, and since typically less wet paint is applied, fewer solvents evaporate at application, further reducing your overall impact on the environment.

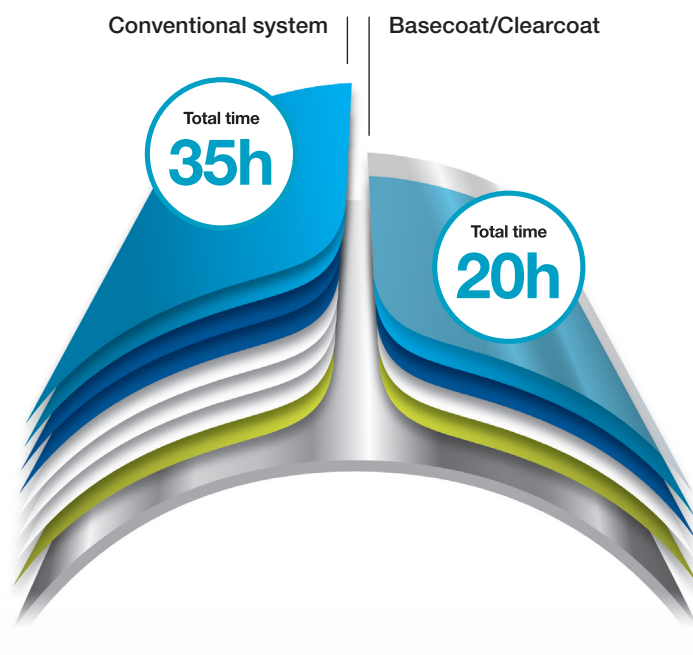
The BCCC systems are formulated for easier application, requiring fewer coats and reducing drying time, potentially enabling your team to turnaround more paint jobs in less time, while using less material. Aircraft painted with BCCC look at their best and can be in and out of the paint shop faster, which means less time spent on the ground.

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

Ease of repair

As the industry's leading BCCC paint systems, Aerobase and Aerodur make it quicker and easier to achieve the desired look first time, every time, eliminating the need for 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 clearcoat**



Contact your local AkzoNobel representative to see how we can help you rethink your choice of coatings, or visit our website at: aerospace.akzonobel.com. Alternatively, e-mail us at: customer.service@akzonobel.com

Since 1792, we've been supplying the innovative paints and coatings that help to color people's lives and protect what matters most. Our world class portfolio of brands – including Dulux, International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and use our expertise to sustain and enhance everyday life. Because we believe every surface is an opportunity. It's what you'd expect from a pioneering and long-established paints company that's dedicated to providing sustainable solutions and preserving the best of what we have today – while creating an even better tomorrow. Let's paint the future together.

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