

Waterborne UV Durable COB Coating

Market-leading durable solution for keyboards

Manufacturers are increasingly seeking coatings and processes that help them achieve a more sustainable operation, and deliver a quality product, without compromising on performance.

Consumers too are becoming more demanding, wanting high-end products, but mindful of the environment and protecting the world around them.

Against this background, AkzoNobel has launched a Waterborne UV Durable COB Coating – a high quality, water-based coating specifically developed for electronic keyboards.

The Waterborne UV Durable COB Coatings have both sustainability and performance at their heart.

Being water-borne, they have lower levels of Volatile Organic Compounds (VOCs) compared to solvent-based coatings, making them safer to handle and apply.

UV curing offers rapid curing times compared to other curing methods, leading to increased productivity in the manufacturing process and quicker handling and packaging times due to the reduced time needed for drying.



In terms of performance, the coatings provide excellent durability and resistance to abrasion and chemicals once cured, making them perfect for keyboards that undergo regular and continued use. They are also resistance to scratches, abrasions and staining, and are easy to wipe down and clean.

They can be produced in a range of colors, enhancing the appearance with a glossy or matte finish, depending on the desired aesthetic. Additionally, WB UV Durable COB Coating offer excellent clarity and color retention, ensuring that the graphics or designs on the keyboard remain vibrant over time. Our customization options include additional aesthetic enhancements such as laser etching.

Features and Benefits

Feature	Benefit
Developed to be more sustainable	Safer to handle and apply/compliant with national standards
Customisation options	Enables manufacturers to customise heir keyboards with laser etchings or logos
High durability	Excellent resistance to scratches and abrasions for a more hard-wearing end-product
Stain resistant	Easy to clean for the end user

For more information go to: consumerelectronics.akzonobel.com or contact ce.information@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 the fabric of 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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