

Presentation on JP-ECO Products



Introduction

- JP-ECO is a line of air purification products developed by Japan ECO Co., Ltd., a company dedicated to enhancing indoor environments through advanced environmental technologies. Their product range includes ECO-B, ECO-C, and ECO-D, each designed to address specific air quality challenges using innovative, non-toxic materials.



JP-ECO Product Line

1. ECO-B (Base Layer)

- **Function:** Acts as a foundational layer applied to surfaces like latex paint, leather, and other organic substrates.
- **Benefits:** Cleans and protects surfaces, enabling better adhesion of the subsequent purification layers. It catalyzes and decomposes pollutants, offering initial purification benefits.
- **Application:** Primarily used on pollution sources to prepare them for the next purification steps.



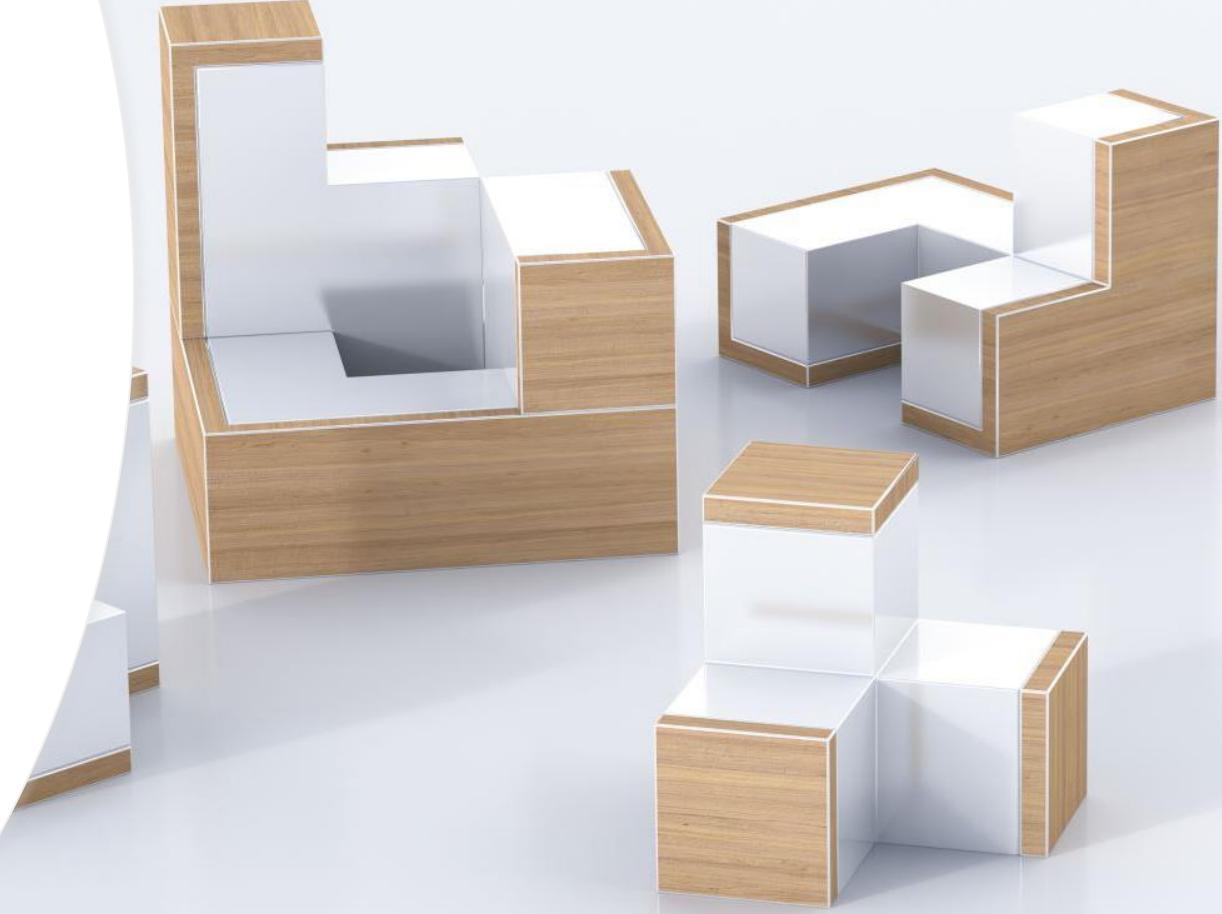
2. ECO-C (Clean Layer)

- **Function:** Applied over the ECO-B layer or directly onto surfaces such as walls and ceilings.
- **Benefits:** Provides powerful and long-lasting antibacterial, deodorizing, and aldehyde removal effects. It operates 24/7 even in dark environments without requiring light activation.
- **Composition:** Utilizes ultra-nanometer micromolecular phosphate titanium dioxide, which allows for continuous purification and deodorization by decomposing harmful organic compounds into harmless byproducts.
- **Application:** Suitable for a variety of indoor environments, including homes, offices, hospitals, and public places.



3. ECO-D (Disperse Layer)

- **Function:** High-end product that offers comprehensive purification when sprayed onto pollution sources.
- **Benefits:** Delivers extensive antibacterial, deodorizing, and formaldehyde removal capabilities. Also provides self-cleaning properties when applied to surfaces like glass.
- **Application:** Can be used in various settings, from new furniture and vehicles to industrial environments like factories and sewage treatment plants. It is especially useful for maintaining cleanliness and air quality in areas prone to odors and bacterial growth.



Key Features of JP-ECO Products



Non-Photocatalyst Technology: Unlike traditional photocatalysts that require light to function, JP-ECO products use a non-photocatalyst approach. This allows them to work effectively in dark conditions by catalyzing reactions that produce hydroxyl radicals, which break down pollutants.



Safe and Non-Toxic: Made from inorganic materials, these products are safe for humans, animals, and plants. They do not contain harmful chemicals or adhesives, ensuring a healthy indoor environment.



Wide Application: Suitable for diverse environments including residential, commercial, and industrial settings. They are effective on various surfaces, from walls and ceilings to fabrics and furniture.



Durability and Transparency: After application, the products form a colorless and transparent layer, ensuring they do not alter the appearance of surfaces while providing lasting protection and purification.

Conclusion

- JP-ECO's range of air purification products represents a significant advancement in indoor environmental technology. By utilizing innovative non-photocatalyst materials, these products offer robust, continuous purification that is both effective and safe for everyday use. Whether for homes, offices, or industrial spaces, JP-ECO provides a reliable solution for maintaining healthy indoor air quality.

