

FozGuard[®]

Powder Coating Technology for Non-Metallic Surfaces



FOZDAR PRODUCTS

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FozGuardTM Adhesion Promoter & Ultracure[®] Powder Coating Protection with Aesthetics

Product Overview

Driven by innovation and a commitment to advancing coating technology, we have developed a complete solution for powder coating heat-sensitive and nonmetallic substrates.

FozGuardTM our versatile adhesion promoter enables powder coating on MDF, Particle boards, and other challenging surfaces, ensuring a strong, durable bond for long-lasting performance.

Paired with our **Ultracure[®] powder coatings**, this system provides exceptional scratch resistance for home and office furniture, superior moisture, heat, and chemical protection for kitchen and outstanding durability for indoor and outdoor furniture.

With a wide selection of vibrant colors, unique finishes, and a simple application process, you can push design boundaries, enhance product performance, and create stunning, high-quality finishes. We're not just expanding coating possibilities—we're redefining what's achievable, protecting both products and the environment.

Traditional paint products struggle to coat curved and intricate surfaces effectively, often resulting in overly simple, boxy furniture designs. But with **FozGuardTM**, MDF furniture can finally break out of its rectangular rut! Now, manufacturers can create stylish, curved, and more visually appealing office and home furniture without compromising on durability. Say goodbye to dull, blocky furniture and hello to sleek, modern designs!

NOTE: For achieving the best surface finish, it is recommended to use high-quality HDWR/HDMR/MDF boards with a thickness of 18 mm and density of 830 kg/m³.

Key Features

FozGuardTM Adhesion Promoter

- Enables powder coating on MDF, particle board & nonmetallic substrates.
- Enhances adhesion and durability for long-lasting performance.
- Compatible with various heat-sensitive materials.
- Fast, easy application with minimal preparation.
- Convenient and easy to use formulation.

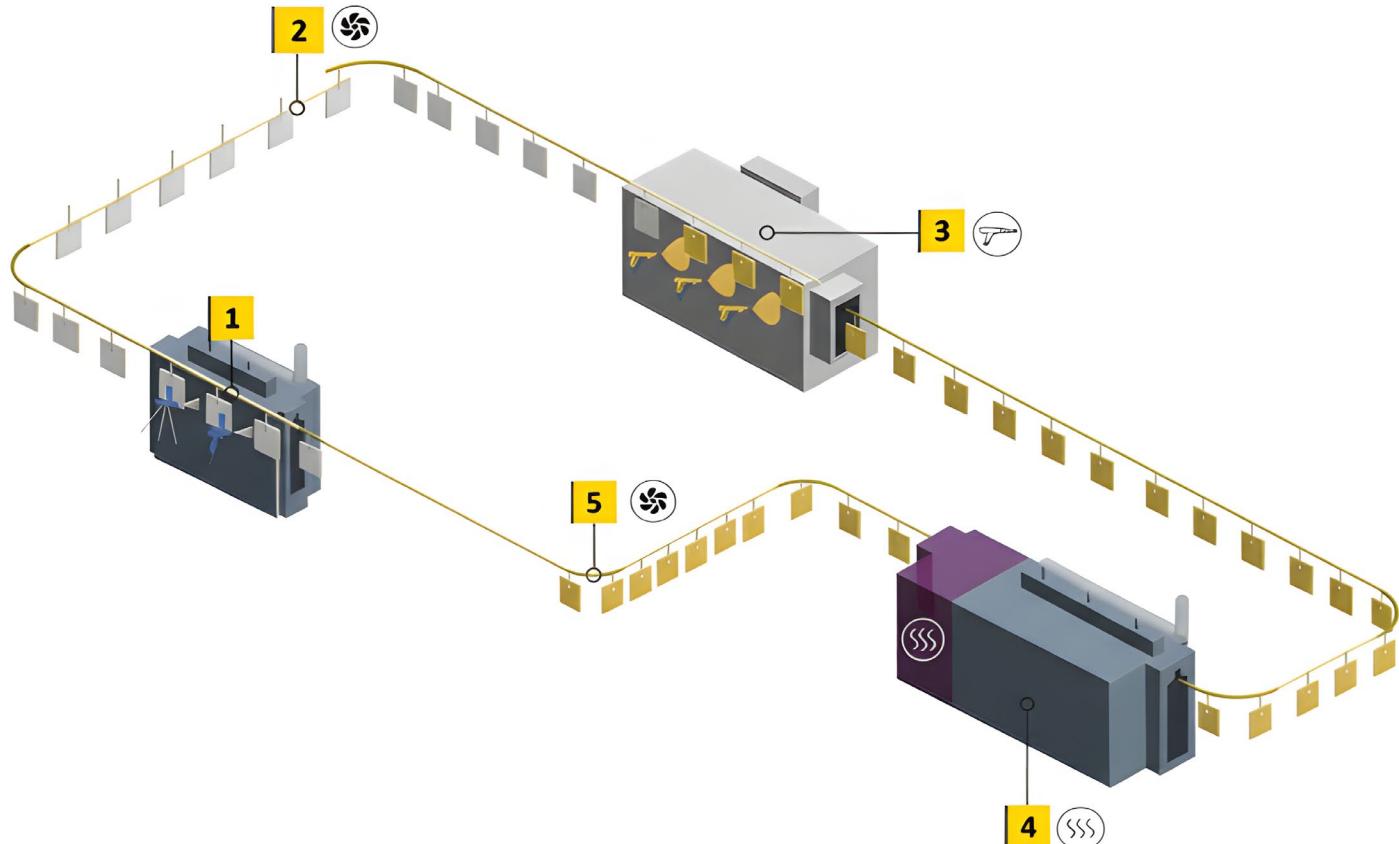
Ultracure[®] Powder Coatings

- Cures at low temperatures for heat-sensitive substrates and at high heat for versatility.
- Provides excellent scratch, moisture, heat, and chemical resistance.
- Offers a wide range of colors and finishes.
- Ensures smooth, even coatings with superior durability.
- Cost-effective, sustainable, and reduces material waste.



APPLICATION PROCESS

FASTER – SAFER – VERSATILE



01 FozGuard[™] Application

We start by loading objects that need to be coated on the line and applying our adhesion promoter FozGuard[™]. The application of the FozGuard[™] coating makes any object capable of powder coating & provides excellent and even edge coverage throughout the object's surface including deep crevices and grooves.

02 FozGuard[™] Ambient Curing

The painted objects are allowed to cure at ambient temperature for 10 minutes then conditioning at 100°C for 10-15 minutes, allow to cool at ambient for 60-90 minutes and proceed for powder coating application.

03 Ultracure[®] Powder Coating Application

The objects goes into the spray booth and are powder coated using our Ultracure[®] powder coating; our in-house developed, well established, recognized and tailor made powder coating formula.

04 Ultracure[®] Powder Coating Curing

The powder coated objects are then placed into oven for curing where the powder coating melts, flows and cures by crosslinking.

05 Cooling, Unloading & Shipping

The cured objects are allowed to cool, once cooled they are unloaded and ready to be shipped.

FozGuard

FozGuard™

SAMPLE REQUEST

CONTACT INFORMATION



Request a sample today!

Manufactured by:



FOZDAR PRODUCTS

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