



## Commercial Surfaces

### **About Diamon-Fusion® Protective Glass Coating**

Diamon-Fusion® is an ultra-thin, UV resistant, protective glass coating that transforms ordinary glass into a high-performing, water-repellent surface. Similar to how a non-stick cooking pan works, surfaces treated with Diamon-Fusion® become easier to clean and requires less care to maintain.

The invisible barrier created in the Diamon-Fusion® process is also extremely smooth, which helps prevent environmental pollutants, hard water, and soap scum from damaging the glass.

### **Reduces cleaning time and maintenance costs**

Makes glass easier to clean and reduces cleaning time

### **Glass stays cleaner for longer**

Protects glass against long-term staining, etching, and corrosion

### **Enhances glass brilliance**

Improves clarity and aesthetics of glass surface

### **Eco-friendly and UV resistant**

100% optically clear and will not breakdown in sunlight

### **Can contribute to LEED points**

DFI has published HPD's for Diamon-Fusion (available on HPD Public Repository)

### **15-year warranty on commercial surfaces**

From interior glass to high-rise buildings and everything in between

### **Scratch resistant**

Helps prevent abrasions

### **How it Works**

At a microscopic level, glass is quite rough. Inevitably, this allows minerals from hard water, soap scum, and environmental pollutants to easily penetrate the surface causing unwanted stains. Diamon-Fusion® prevents this from happening by creating an ultra-thin, transparent barrier that seals the glass.

It patented, two-step process chemically bonds to the glass filling in the microscopic peaks and valleys of the surface.

### **Suitable for Multiple Glass Types**

- Glass railings
- Hotel shower doors
- Interior glass
- Glass canopies
- Windows and skylights
- Storefronts/Entrance ways

# FuseCube™ Express Machine Application

## About the FuseCube™ Express

The FuseCube™ Express is a fully automated glass coating machine that applies Diamon-Fusion® protective coating onto both sides of the glass. The coating is applied through a proprietary chemical vapor deposition (CVD) process, transforming ordinary glass into a high-performing, water-repellent surface. Unique to its class, the FuseCube™ Express can treat 1-5 lites in under 10 minutes, providing overall product quality, shortened lead times, and on-time delivery.

- Chemical vapor deposition application process
- Fuses Diamon-Fusion® onto both sides of the glass
- Consistent coating coverage
- Creates ultra-durable barrier and protection
- Eliminates backward installations on shower doors
- Suitable for virtually all glass types

## How it Works

Glass is first loaded inside the FuseCube's chamber. Then, utilizing a proprietary CVD process, the Diamon-Fusion® coating is circulated throughout the chamber and fused onto both sides of the glass, ensuring superior quality, maximum value, and optimum coverage. Once the coating process is complete, the glass is ready for handling and can be shipped immediately. To learn more about why you should treat your glass with Diamon-Fusion® and the FuseCube™ Express, check out this [video](#).

## Suitable for Multiple Glass Types

- Insulated glass (IG) units
- Low-E glass
- Tempered glass
- Laminated glass
- Satin-etched glass
- Curved glass
- Patterned/textured glass

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## Diamon-Fusion® Protective Glass Coating for Commercial Glass Railings

[Diamon-Fusion® Protective Glass Coating for Commercial Glass Railings - YouTube](#)

## Diamon-Fusion® Protective Glass Coating for Residential Glass Railings

[Diamon-Fusion® Protective Glass Coating for Residential Glass Railings - YouTube](#)