Powder Coating MDF

Looking to powder coat wood or MDF parts? Greenberg Casework Company can provide you with powder-coated finishes for almost endless design possibilities for commercial or residential applications.

Powder coating wood creates a durable finish that resists chipping, warping, delaminating or cracking, is economical and superior to paint, laminate or plastic. And, with antimicrobial additives, powder coating is perfect for medical or food preparation areas.

Powder-coated finishes are available in an almost unlimited color selection in a variety of finishes, from a micro-texture to a smooth high gloss finish, as well as virtually endless metallic and hammer tone finishes.

The Powder Coating Process

Powder coating wood is a specialized process that requires the use of proper material, precision machining, careful preparation and an automated system specifically designed for our unique process of powder coating.

The primary material used for powder coating is MDF, because of its strength and smooth, uniform surface. Each part is prepared with precision CNC routers, then finished with automated machinery to assure a consistent finish on the face, corners and edges. Finished pieces are thoroughly cleaned, hung on a moving track, then preheated in an oven before entering a spray booth. An electrostatically-charged powder is applied using automatic sprayers, ensuring consistent powder thickness, then heated in a second oven, causing the powder to a gel and flow, bonding to the MDF, and completely sealing the part. The resulting finish is attractive, extremely durable and cost effective.

Antimicrobial Finishes

GCC antibacterial products are ideal for use in medical facilities, schools, food preparation areas, or anywhere that preventing the growth of microbes is essential. The powder coat contains an antimicrobial compound, which provides an invisible barrier that remains resistant to bacterial growth for many years. In addition, powder coating creates a seamless finish, eliminating cracks where germs can hide and multiply.

Benefits of using GCC Coatings

- Efficient Manufacturing – Our automatic process ensures consistent high quality parts.
- Edges and faces can take on shapes and contours, allowing designers more artistic freedom than standard edge bandings.
- Cost Effective – Our process is very efficient and uses energy efficient ovens.
- Fast Turn-around – Automated processes can produce finished parts quicker than many other methods.

Benefits

- Powder coating is resistant to heat, moisture, chemicals, and scratching, usually exceeding the performance of melamine, laminates, vinyl, liquid paints, or thermofoil.
- Powder-coated finishes look great and are easy to maintain.
- Nearly endless pallet of colors and textures, from smooth matte to glossy finishes, micro texture, or hammer tones.
- Up to 98% of over-spray can be reclaimed, reducing costs and waste.
- Antimicrobial powder coating can kill 99.9% of bacteria.
- Eco-friendly – No heavy metals, solvents, VOC’s, or HAP’s, and approved by the FDA for use in food preparation areas.

Powder-coated wood is perfect for:

- Store fixtures and displays
- Office or home furnishings
- Cabinets for schools, garages or workshops
- Antimicrobial finishes for medical and dental cabinets and equipment
- Cabinets for food preparation areas
**Impact Coating™**

**For Countertops and Edges**
Looking for a finish that will withstand water, chemicals and a great deal of physical abuse, but still looks great? Impact Coating™ may be your answer. Impact Coating™ is great for use in schools, stores, homes, or anywhere impact and chemical resistance is important. And, it is available in virtually any color.

Impact Coating™ combines polyurethane and polyurea to create a hard and extremely impact resistant coating. Your product will remain safe behind a coating that serves as a high impact resistant shield.

Impact Coating™ is water and chemical resistant and shows no signs of damage from gasoline, methanol, hexane, or hydraulic oil. Impact Coating™ is 100% solvent free, does not emit V.O.C.s or C.F.C.s, and meets the standards and requirements of the FDA and USDA for incidental food contact.

For a finish that will withstand heavy use over time, Impact Coating™ may be just what you need.

**Impact Coating™ is perfect for:**
- School countertops
- Table or counter edging
- Workbench countertops
- Point of Purchase displays
- Any product requiring high impact resistance

---

**GCC Coatings**

**Additional capabilities of GCC Coatings**
We are a full-service shop, offering the following:
- Engineering of parts or products
- State-of-the-art CNC machining and automated sanding equipment
- Powder Coat MDF
- In addition to MDF, we can produce parts and/or products using other materials such as melamine, wood, solid surface etc.
- We maintain a customer-oriented service attitude
- We’re a small shop with large shop capabilities.

**Greenberg Custom Casework Company**
Greenberg Casework Company, the parent company behind GCC Coatings, has been manufacturing custom casework for commercial construction and store fixtures since 1985. Currently, we are one of only a handful of companies in North America capable of powder coating mdf (medium density fiberboard) in-house.

If we can help you, or you’re just looking for more information, please contact us.

---

**Impact Coating™**

**Powder-coated and impact resistant finishes for MDF (wood)**

**GCC Coatings**

**For Countertops and Edges**
Looking for a finish that will withstand water, chemicals and a great deal of physical abuse, but still looks great? Impact Coating™ may be your answer. Impact Coating™ is great for use in schools, stores, homes, or anywhere impact and chemical resistance is important. And, it is available in virtually any color.

Impact Coating™ combines polyurethane and polyurea to create a hard and extremely impact resistant coating. Your product will remain safe behind a coating that serves as a high impact resistant shield.

Impact Coating™ is water and chemical resistant and shows no signs of damage from gasoline, methanol, hexane, or hydraulic oil. Impact Coating™ is 100% solvent free, does not emit V.O.C.s or C.F.C.s, and meets the standards and requirements of the FDA and USDA for incidental food contact.

For a finish that will withstand heavy use over time, Impact Coating™ may be just what you need.

**Impact Coating™ is perfect for:**
- School countertops
- Table or counter edging
- Workbench countertops
- Point of Purchase displays
- Any product requiring high impact resistance

---

**GCC Coatings**

**Additional capabilities of GCC Coatings**
We are a full-service shop, offering the following:
- Engineering of parts or products
- State-of-the-art CNC machining and automated sanding equipment
- Powder Coat MDF
- In addition to MDF, we can produce parts and/or products using other materials such as melamine, wood, solid surface etc.
- We maintain a customer-oriented service attitude
- We’re a small shop with large shop capabilities.

**Greenberg Custom Casework Company**
Greenberg Casework Company, the parent company behind GCC Coatings, has been manufacturing custom casework for commercial construction and store fixtures since 1985. Currently, we are one of only a handful of companies in North America capable of powder coating mdf (medium density fiberboard) in-house.

If we can help you, or you’re just looking for more information, please contact us.

---

**Impact Coating™**

**Powder-coated and impact resistant finishes for MDF (wood)**

**GCC Coatings**

**For Countertops and Edges**
Looking for a finish that will withstand water, chemicals and a great deal of physical abuse, but still looks great? Impact Coating™ may be your answer. Impact Coating™ is great for use in schools, stores, homes, or anywhere impact and chemical resistance is important. And, it is available in virtually any color.

Impact Coating™ combines polyurethane and polyurea to create a hard and extremely impact resistant coating. Your product will remain safe behind a coating that serves as a high impact resistant shield.

Impact Coating™ is water and chemical resistant and shows no signs of damage from gasoline, methanol, hexane, or hydraulic oil. Impact Coating™ is 100% solvent free, does not emit V.O.C.s or C.F.C.s, and meets the standards and requirements of the FDA and USDA for incidental food contact.

For a finish that will withstand heavy use over time, Impact Coating™ may be just what you need.

**Impact Coating™ is perfect for:**
- School countertops
- Table or counter edging
- Workbench countertops
- Point of Purchase displays
- Any product requiring high impact resistance

---

**GCC Coatings**

**Additional capabilities of GCC Coatings**
We are a full-service shop, offering the following:
- Engineering of parts or products
- State-of-the-art CNC machining and automated sanding equipment
- Powder Coat MDF
- In addition to MDF, we can produce parts and/or products using other materials such as melamine, wood, solid surface etc.
- We maintain a customer-oriented service attitude
- We’re a small shop with large shop capabilities.

**Greenberg Custom Casework Company**
Greenberg Casework Company, the parent company behind GCC Coatings, has been manufacturing custom casework for commercial construction and store fixtures since 1985. Currently, we are one of only a handful of companies in North America capable of powder coating mdf (medium density fiberboard) in-house.

If we can help you, or you’re just looking for more information, please contact us.