

FINISHING WROUGHT IRON: WI-SERIES

NOTE: It is recommended that our unfinished wrought iron be installed by a licensed professional since it is a product mainly used for exterior. This can also be used for interior applications as well. However, if you need an already finished product, you might very well consider our powder coated balusters (PCB-Series) which are mainly used along with wood railings.

To install our unfinished wrought iron products, welding tools will be required such as welding machines, welding rods, face shield headgear, protective eye wear, earplugs, flame resistant goggles, heavy duty welding gloves, abrasive flap discs, welding hoods etc.

Remember, wrought iron comes unfinished and is sometimes oily.



TOOLS

- Sandblaster (recommended)
- Wire brush
- Cordless drill with a wire wheel attachment
- Medium-grit sandpaper
- Metal solvent cleaner
- Clean and dry rags
- Rust-inhibitive primer
- Exterior rust-inhibitive enamel paint
- Painting accessories
- Drop cloth

INSTALLATION

- 1. REMOVING RUST:** Make sure that each baluster, rail, or any wrought iron component is free of any rust, debris, oil, etc. Most professionals will sandblast the material before proceeding with anything else. Sometimes wire brushes are needed. A cordless drill with a wire wheel attachment can also be used. If using grit sandpaper, use a medium grit.
2. Use a metal cleaning solvent (found in any home improvement store). Wipe down the wrought iron with a clean dry rag. Solvents will speed up the process of removing any residues left on the surface. Once the solvent is applied, do not let it dry on the surface. It must be wiped down immediately.
3. Coat the entire wrought iron surface with a rust-inhibitive primer. Make sure that the primer is compatible with metal. Some professionals use an air gun to speed up the process. Remember to always wear your protective accessories.
4. Follow the manufacturer's instruction on the time required for the primer to dry. The primer must dry fully. Typically, most primers will dry in about 1-3 hours to fully cure.
5. Once the primer is fully dried, apply exterior grade rust-inhibitive enamel paint and the color of your choice. Again, it is your choice of how you want to apply the paint. It can be either brushed or sprayed with an air gun.