

All Reliance Foundry products are manufactured with high-quality materials for premium aesthetics and long-term durability. IronArmor offers exceptional protection against graffiti, UV light, water, and salt spray. With proper care, IronArmor products will stand strong against corrosion in most North American environments.

### GENERAL CARE

#### INSPECTION

*Perform routine inspection and cleaning every 6 months on all Reliance Foundry products.*

- Identify and address problems as early as possible to avoid progression of damage.
- Tighten or replace loose or missing parts immediately.
- High-saline environments or high-traffic areas with abundant particulates or pollutants may require more frequent attention.

#### CLEANING

- Use a damp sponge to wipe down the surface.
- Use a soft cloth to dry the area.
- Use a soft-bristled brush to apply light pressure to soiled areas, particularly inside creases and crevasses.

**Note:**

- Do not use strong solvents such as heptane.

#### MINOR DAMAGE

*Repair scratches, scuffs, and pinholes by applying additional heat to reflow the thermoplastic coating.*

- Use a damp rag to clean the area of any loose debris.
- Eliminate any rust and dirt from the area using a file or sandpaper.
- Heat the area slowly with a continuously moving torch (heat to a minimum of 260F).
- Use a preheated metal tool (spoon, knife, spatula) to move the existing molten coating into the damaged area.
- Continue heating and moving the molten coating, spreading out the coating to the desired smoothness.

**Note:**

- Be careful not to burn the area when applying heat.
- Repaired area may be re-heated multiple times until the desired smoothness is achieved.
- A Teflon or silicone roller may be used to help smooth the finish.

### GRAFFITI REMOVAL

- Wipe the graffiti off the surface using solvents such as toluene or MEK (methyl ethyl ketone).
- Do not use hard scraping tools. This may cause damage to the thermoplastic surface.

### HEAVY DAMAGE

*Includes larger indentations and deep slits in the thermoplastic coating.*

- Follow the same steps as for minor damage.
- Add additional IronArmor coating (powder, patches, rods) as necessary for repairs of larger surfaces or deeper indentations.
- Continue heating the damaged area while applying the additional IronArmor coating and continue to smooth out the surface.
- Once cooled to room temperature, the patched area can be sanded smooth.
- Any scratches resulting from sanding can be removed by re-heating the area.

#### **Note:**

- To order additional IronArmor coating (powder, patches, rods), contact Reliance Foundry's Sales Department.
- Repaired area may be re-heated multiple times until the desired smoothness is achieved.
- A Teflon or silicone roller may be used to help smooth the finish.

Contact Reliance Foundry if unsure about the suitability of a cleaning product with IronArmor finishes or if the touch-up finish is unsatisfactory. This content is provided for informational purposes only. Reliance Foundry is not responsible for any improper use or handling of hazardous chemicals.