

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.