

care & maintenance

Care and Maintenance Guide

Maglin Site Furniture manufactures its products to the highest standards of excellence, design integrity, durability and dependability. Unfortunately, some things are out of our control; such as misuse, vandalism or improper installation.

Should there be any of these occurrences; Maglin makes the following suggestions to help maintain and return the product to its original beauty.

General

We suggest regular inspections to identify any loose or missing hardware. These should be tightened or replaced immediately. If any part is found to be structurally cracked or broken it is recommended that the product be taken out of service until the appropriate repairs can be made. Contact Maglin for replacement parts.

Should dirt from the environment build-up on any surfaces wipe with a soft cloth and mild detergent. Abrasive cleaners, brushes, coarse steel wool and pressure washing should be avoided.

Metal

The Maglin metal-finishing system has been designed and developed through the input of coating experts and more than twenty years of Maglin experience. It sets a standard for coatings and is unsurpassed for public site furniture.

If the finish is marred by a sharp object and the steel is exposed, take a fine abrasive sandpaper to the area to improve the adhesion of the primer and touch-up paint. A quality grade exterior metal primer and top coat of matching color enamel should then be applied over the prepared surface. Upon request, Maglin will supply metal paint samples for color matching.

High Density Polyethylene (HDPE)

To maintain the original finish, clean with soap and warm water; a soft nylon brush may be required. When cleaning, care should be taken while scrubbing and should not be performed too vigorously. This will ensure the surface is not scratched or buffed, creating an isolated glossy spot.

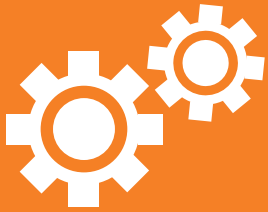
High Density Paper Composite (HDPC)

HDPC is considered a maintenance free material. It can become faded over time to varying degrees depending on the color and exposure to the sun. The best way to maintain the original look is to periodically apply a coat of mineral oil. This can be done every few months as the mineral oil will fade from the elements.

Staining can also occur. This can be compounded by the age, color and the amount of maintenance upkeep done on the material. Food oils can be some of the most difficult to remove. To reduce the appearance of the stain, the area should be cleaned as best as possible with mild soap and water. Re-apply the mineral oil to help blend out the oily stains and improve the look of the material.

Wood

Our Ipe and Thermally Modified Ash can be left alone and can be considered maintenance free. They will weather to a grey patina. If it is undesirable to have wood remain grey, maintenance coats can be applied periodically every few months using hardwood exterior penetrating stains such as Ipe Oil, or Penofin hardwood formula. Varnishes or coatings are not recommended. Care should be taken when reapplying stain and should not be left to dry on non-wood surfaces.



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Chroma

SURFACE REFINISH:

During the service life of Chroma, it is possible that the surface will become scratched after regular use. The matte finish of the material allows it to be refinished if desired.

If Chroma needs to be refinished for any reason, the panels may be renewed by sanding with an orbital sander at 10000-12000 RPMs using 3M 360L or 334U grade 240 grit paper.

- 1) If there are deep scratches first use a coarse sand paper on the damaged area 150 grit. Move in a circular motion ensuring to sand at least 12" away from the affected area to ensure it is blended out.
- 2) Next wet the surface by misting it with a bottle of water. Now using the 3M 360L or 334U grade 240 grit paper, place the sander on the surface to wet the paper before turning it on.
- 3) Begin sanding in a circular motion with even pressure and keeping the sander flat until the damage and scratches are fully removed and any marks left by the coarse sandpaper are removed.
- 4) Wipe down the entire surface with a mixture of mild detergent and water using a dry clean cloth.
- 5) Finish by applying Magic – Countertop Cleaner to help resist oils and stains.

SURFACE CLEANING:

A regular cleaning of Chroma will help maintain its original look. To clean off any dirt or grease use a soft cloth or sponge and some mild soap and lukewarm water. This will generally be sufficient to restoring the surface to its original appearance. Repeat this step twice. The sooner the dirt and grease can be removed the better. For more difficult stains, dirt or grease surface cleaners such as Fantastik® or Formula 409® also work well. Avoid rubbing dry cloths on the Chroma surface, this may cause scratching. Scrapers or squeegees should never be used. Strong solvents or chemical cleaners should be avoided.

Once the surface has been cleaned, Magic – Countertop Cleaner is recommended for a final finish. This will help resist stains in the future. Novus® No. 1 and Brillianize® plastic cleaners can also be used as alternatives. Both products are specifically designed for use on plastics and help panels to resist finger marking and static.

Graffiti Removal

Surfaces and coatings used on Maglin Site Furniture products have been selected because they are resistant to graffiti and vandalism. When graffiti needs to be removed, please follow the suggested recommendations:

POWDERCOATED SURFACES

Due to the inherent hardness of powder coat finish, normal spray paint does not adhere well making removal easy. Using a water based paint stripper and "0000" ultra-fine steel wool, spray paint can be buffed off. Using a coarser steel wool will affect the finish sheen of the powder coat.

Black permanent marker on the other hand is a dye based product and can permanently mark the coating especially on lighter colors. If cleaned off quickly with paint thinner or rubbing alcohol little or no marking will be visible. Marker left to age can be minimized using the same process but cannot be completely removed. Using a very fine polishing compound and "0000" ultra-fine steel wool can also minimize dye marker stains.

IPE

Wait for paint to dry and use a water-based paint thinner to remove. A mixture of bleach and water may also work. Sand in the direction of the grain using 100 grit and 120 grit sandpapers until the paint is gone. Acetone can also be used if permanent marker is suspected. The wood color will change in the treated area, but will age to match the rest of the wood in time.

HIGH DENSITY PAPER COMPOSITE (HDPC)

An alcohol based cleaner may work, like a 'goo gone' brand or equivalent. If that is unsuccessful HDPC can be lightly sanded to remove the graffiti. If it is on a seat top for instance it would be advisable to sand the entire top surface for a uniform look as the oxidation would change the color and the sanding would bring it back to the original color. 180 grit would be sufficient to remove any vandalism and finish off by buffing with fine steel wool.

HIGH DENSITY POLYETHYLENE (HDPE)

HDPE is a self-lubricating material and therefore not many other materials adhere well to it. A light household non-abrasive cleaner will remove most materials. Use water based paint strippers and alcohol based cleaners with caution as they may affect the sheen of the finish surface. A stiff nylon brush will effectively clean within the surface grooves and crevices.