

# CARE AND MAINTENANCE

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## OUTDOOR METAL



### POWDER COATED

Powder Coated Metal undergoes a special coating process similar to the process used in the automobile industry to prevent corrosion under extreme weather conditions. We use full polyester paint powders for the most durable outdoor performance.

To care for powder coated metal, routinely wipe down with a mild soapy water or detergent. **Do not use** any abrasive materials to wipe down the metal. If placed in a coastal area, metal should be wiped down monthly.

To repair a scratch, use a color matched epoxy and paint over any exposed areas. If rust appears as a result from a scratch, coat the area with a rust protectant, and paint over once the protectant has dried.



### STAINLESS STEEL

Stainless steel is suitable for outdoor usage due to its resistance to extreme conditions. However, regular care is required to assure that stainless steel furniture lasts longer in good condition.

All stainless steel furniture requires regular maintenance to help reduce the buildup of dirt and other substances and to keep the surface clean. Furniture placed near the seaside should be cleaned weekly to avoid buildup of salt and other minerals.

Salt buildup can cause the stainless steel to dull, spot, or deteriorate. To clean, wash off all stains with dish washing liquid or a mild detergent and rinse thoroughly with clean water. Dry the furniture completely. Apply a stainless steel polish to protect and keep the furniture clean and resistant to fingerprint stains.

Perform routinely (once a month) for normal environments and once a week for furniture placed in coastal areas. In case of stains not easily removed with soap, apply stainless steel cleaner to a soft cloth or nylon sponge and scrub until the stain disappears. Wash the stainless steel surface with soap and water. Dry with a soft cloth. **Do not use** acid-based, chloride-based or sodium hydroxide-based cleansers with stainless steel furniture. **Do not use** metal brushes with stainless steel furniture. Use only nylon material such as 3M Scotch-Brite pads.



### CORTEN STEEL

Corten steel is used for its extreme weather resiliency. Corten's copper & nickel properties allow the steel to "rust," as the oxidation process forms a protective coating over the metal surface, blocking out the elements. This creates a patina effect, resulting in a reddish, orange color that blends well into natural, outdoor spaces. Corten requires little to no maintenance, as the weathered steel protects from further corrosion. Rust-prevention & painting are not needed. The steel can be left untreated, but avoid water ponding on its surface for long periods of time.

## NATURAL OUTDOOR STONE



### GRANITE

Granite is a mined natural rock. Inherently strong just as nature intended, it is both an ecological and durable solution that will last a lifetime. The stone can withstand extreme heat or cold conditions outdoors, and won't fade from UV exposure. It's highly resistant to moisture, scratches and chips. Hot items can be placed directly on the surface without any damage. Coasters are recommended to avoid moisture rings.

Easily maintained, the stone can be cleaned with mild soap and a damp cloth. **Do not use** any acidic-based cleaners or bleach, as these chemicals will break down the material and scratch the surface.

## NATURAL OUTDOOR WOOD



### TEAK

Teak is regarded as one of the world's most precious and durable woods. It effectively resists extreme environments and withstands weather better than any other wood. As with all natural woods, teak furniture will attain an elegant silvery-gray patina when exposed to weather. This change may occur in approximately 3 months to 1 year, depending on the amount of sunlight and rain exposure. During weathering, a slight "furriness" of the grain may appear on the tops of furniture arms and legs. It is normal for outdoor wood furniture to expand and contract in this way. It will not affect or minimize the durability/quality of the furniture.

Regular cleaning should be done by simply washing teak with water and a soft brush or sponge. **Do not use** a "power washer," as high-pressure washing, even with only water, can strip the natural oils from the teak and make it brittle. To preserve or bring back the original color of the teak, a teak oil or protectant can be applied. Our teak woods are sourced only from sustainably managed forests.



### TROPICAL and other HARDWOODS

The hardwoods used are plantation-grown and harvested using sustainable forestry practices to ensure long term health and survival of the tree species. Our plantation woods are sourced from FSC (Forest Stewardship Council) suppliers, a viable option that meets the needs of green or LEED building projects.

Cumaru is a sustainably forested hardwood with a tight, dense wood grain and naturally high oil content, making it a naturally weather-resistant material. A deep reddish brown color, Cumaru wood may have tonality variances, imbuing the wood with natural beauty.

Okoume and Yellow Pine are wood species that have also been selected for their durability and inherent natural resistance to weathering. Okoume grain in its natural state has a tone similar to the warm color of mahogany, however it accepts finish stains with ease, enabling it to be finished in lighter or darker shades. Yellow Pine refers to a group of very durable American woods that are recognized for their even grain, strength and durability in all-weather outdoor exposures.

Minimal maintenance is required to care for these hardwoods. To clean dirt and impurities, simply hose down with clean water. For tougher dirt and stains, use a mild soapy detergent and scrub with a sponge.

# CARE AND MAINTENANCE

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RESOURCES



## PROTEKT® FIR WOOD

European Scotch Fir is impregnated with mineral salts in computer controlled autoclaves to create Protekt®, the resulting wood is extremely durable and can withstand sun, rain, snow, mold, insects and other extreme environments.

To clean, rinse down exposed wood with a power hose. For prolonged life, Protekt® wood can be treated with Tartaruga® Proimpres, a colorless, waterless primer. Approximately 1 quart per 39 square feet of exposed surface should be applied.

# SYNTHETIC OUTDOOR MATERIAL



## SUNSURE® MESH

Sunsure® mesh consists of woven polyester yarns individually coated with polyvinyl chloride (PVC), featuring a 2-over-2 thread count weave, for an extremely durable outdoor-grade fabric. It is designed for commercial use and rated to withstand 300,000 double rubs.

For routine cleaning and maintenance, brush away any loose dirt and debris, and hose down. For mild dirt stains, scrub with soapy water using a soft bristled brush. Rinse thoroughly and air dry.

For tougher stains and discoloration, rinse area with water and spray with an all-purpose orange cleaner. Scrub with a soft bristled brush, and rinse thoroughly with clean water.



## HDPE POLYETHYLENE and SYNTHETIC RATTAN

Solid polyethylene slats and handwoven synthetic rattan are made from extruded high density polyethylene (HDPE). HDPE is resistant to mildew, water and extreme temperatures, and won't stain, fade, crack or split.

To clean HDPE use a mild detergent in lukewarm water with a wet sponge or a soft brush, rinse off with water and dry. **Do not use** abrasive materials such as sandpaper, steel wool or scraping tools to remove foreign objects on the surface.

# GLASS



## TEMPERED GLASS

Tempered glass is commonly referred to as strengthened glass for its durable surface. It is treated with a chemical or heat process that modifies the internal structure of the glass, enabling it to withstand pressures that ordinary glass won't handle. If broken, fragments of blunt rock pieces adhere together & won't shatter like regular glass. It can also withstand high temperatures & outdoor areas that get lots of sunshine.

Ordinary household glass cleaners or mild dish soap with a soft cloth or sponge are suitable for use. Buff gently with a soft cloth for drying. Avoid using abrasive cleaners, including vinegar. Do **not** leave hard or heavy objects under the sun for long periods of time as it could leave permanent marks. Use coasters or mats to avoid scratching the surface with plates & glassware.

Tempered glass is equally suitable for indoor and outdoor use.

# CARE AND MAINTENANCE

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RESOURCES

## NATURAL INDOOR WOOD



### STAINED AND SEALED

Our indoor wood products utilize solid oak, ash or beech woods for all visible structural elements (such as legs, seat frames) and veneered woods (such as walnut, oak, ash) for bentwood seat components. All our woods use wood stain colors that are finished with a clear, catalyzed matte lacquer finish. The lacquered wood items utilize colored lacquer finishes that are applied with a 9- step process culminating in a final clear coat of lacquer.

For daily maintenance on veneered and solid wood surfaces, dust furniture with a damp, soft cloth. Wipe furniture with a dry, soft cloth. To maintain oil finish on the walnut veneer, lightly brush areas in direction of wood grain with a cloth. Retail wood care furniture cleaners and polishes can be used to maintain lacquered finishes. Follow the manufacturer directions written on the product packaging.

## NATURAL INDOOR STONE



### CARRARA MARBLE

Carrara marble is a luxurious natural stone renowned for its elegance. Marble is a porous material so care must be taken to remove spills quickly to prevent from staining the surface. Clean with warm water and detergent and wipe dry with a cloth. There are many retail marble cleaners and polishes available; always follow the use instructions on the product packaging.

## SYNTHETIC INDOOR MATERIAL



### POLYURETHANE

Polyurethane is a thickened liquid plastic that is formed into shapes by pouring into a rigid mold. The material is cured, its outer surfaces forming a skin-like barrier within the mold. After being removed from the mold, this newly cured surface skin acts as a shield and protects the polyurethane interior. The material is fire retardant, making it an ideal solution for contract or residential use.

It's a highly durable, strong material that can handle the rigors of daily use. The coating could break down if exposed to high temperatures or sunlight for extended periods of time, thus it is not recommended for outdoor use. Wash the surface with warm water & a soft sponge. Use mild household cleaners that are ammonia-free.



### FREEFORM® POLYURETHANE

FreeForm® Polyurethane has a soft touch, ideal for comfortable, contract-grade seating. Polyurethane is injected into an internal wood structure where it is cast within the frame. It is highly resistant to scratches and has outstanding fire retardant capabilities.

The surface can be wiped down with a soft cloth soaked in a mild cleaner with warm water. Dry with a soft cloth afterwards. Avoid using harsh chemical cleaners on this chair.