

CARE & MAINTENANCE

Tempered Glass Material Properties

Tempered glass undergoes a heat treatment process that ensures, in the event of breakage, it shatters into numerous small fragments shaped like cubes, significantly reducing the risk of severe injuries. It typically has a thickness ranging from 5 to 6 millimeters.

Cleaning

Glass is inherently resistant to moisture, making it nearly impervious to stains. To maintain a clean glass surface, it is recommended to regularly wipe it with a clean microfiber cloth and a cleaning solution consisting of 1-part mild detergent to 16 parts lukewarm water (below 100°F/40°C). Rinse the surface thoroughly to prevent water spots from forming. Alternatively, you may opt for a commercially available glass cleaning solution. In the event of spills, promptly wipe them up using a clean cloth. Avoid using abrasive cream cleaners or harsh scrubbing pads, as they can scratch and diminish the surface's shine.

Do not use abrasive cream cleaners or harsh scrubbing pads as these can scratch and dull the surface.



Sling Material Properties

Sling, a versatile fabric used in outdoor furniture, offers a wide range of designs and colors. It is made from PVC coated polyester yarns. Each yarn consists of a polyester core with a colored PVC coating extruded over it. Our sling furniture exclusively utilizes Ferrari Batyline slings, which are renowned for their exceptional performance. Like Sunbrella fabrics, Ferrari Batyline is recognized as one of the best outdoor sling materials available.

Ferrari Batyline slings are particularly notable for their patented pre-tensioning system, which prevents sagging and ensures optimal support. Additionally, all Ferrari slings are Phthalate free, further enhancing their quality and safety. PVC is an excellent outdoor material, known for its durability and resistance to UV rays, chlorine, salt, and various pollutants. It is easy to maintain and clean, making it a practical choice for outdoor furniture.

Sling Cleaning

To clean slings in your furniture, follow these steps:

1. Prepare a cleaning solution by mixing 1-part mild detergent with 16 parts lukewarm water (below 100°F/40°C).
2. Thoroughly soak the sling with the cleaning solution.
3. Gently agitate the sling using a sponge or soft bristle brush to remove any ingrained dirt.
4. Once the sling is suitably cleaned, rinse it thoroughly with cold water to remove all traces of the cleaning solution.
5. Dry the sling using a cloth or allow it to air dry.

If needed, you can use a pressure hose on a low setting to clean the sling. However, be cautious not to use high pressure on any teak components, as it can potentially damage the timber’s surface. It’s crucial to ensure that all traces of foam are removed from the sling, as leftover foam can leave a residue in the gaps between the fibers, attracting dirt. By following these cleaning instructions, you can effectively maintain the cleanliness and appearance of your sling furniture.



Woven Wicker Material Properties

Skyline Design woven furniture is crafted using a High-Density Polyethylene (HDPE) plastic material. This material offers practicality and a soft touch, accompanied by numerous benefits such as excellent flexibility, tear resistance, UV resistance, and weather resistance. The colored material is shaped through extrusion using a specialized die, resulting in the final fiber shape. The woven wicker produced through this process is not only completely weatherproof but also colorfast, highly durable, and easy to clean. It exhibits resistance to chlorine, saltwater, tanning lotions, and oils. Skyline Design employs a textured and thicker type of wicker, setting it apart from other manufacturers. Although more challenging to weave, this wicker variety boasts superior strength, resistance to tension, tearing, and splitting, and provides a more natural feel to the product.

The foundation of the woven furniture is constructed using a fully welded, powder-coated aluminum frame. After welding, the entire frame undergoes an electro-static powder coating process, resulting in a tough and smooth finish that matches the color of the wicker. This meticulous approach ensures the frame is fully protected against corrosion and virtually invisible once the wicker is woven over it. The woven furniture is designed to withstand outdoor conditions year-round and can endure temperatures ranging from -20°C to +55°C (-4°F to 131°F). During very cold temperatures, the weave may become stiffer than usual, while during extreme heat, it may become more elastic. However, the weave always reverts to its normal elasticity once the ambient temperature stabilizes.

Woven Wicker Cleaning

We highly recommend regular cleaning of woven furniture using a solution of mild detergent diluted at a ratio of 1 part detergent to 16 parts lukewarm water (below 100°F/40°C). Begin by thoroughly soaking the wicker with the cleaning solution and gently agitate it using a soft bristle brush to remove any embedded dirt. Once adequately cleaned, rinse off the cleaning solution using cold water. It is permissible to use a pressure hose on a low setting for woven furniture, but exercise caution around any teak components, as high-pressure water can damage the timber surface. To ensure optimal cleanliness, it is essential to eliminate all traces of foam from the wicker. Any remaining foam residue in the gaps between the weave can attract dirt. Additionally, promptly dry any water splashes on metal or teak frames to prevent water stains from forming.

Woven Wicker Repairing

If scratch marks or abrasions appear on the edges of the fiber, you can attempt to repair them by briefly and cautiously applying heat, such as using the flame of a cigarette lighter, to the affected area. After applying heat, gently rub along the length of the fiber with a piece of hard cardboard to restore a smooth edge. It is crucial to exercise caution during this procedure as it can be challenging to perfect. To ensure successful results, we recommend conducting a couple of test runs on a hidden area of wicker, such as the underside of the furniture. If fibers are accidentally cut or broken, repairs can generally be made by carefully removing the broken section of wicker and skillfully weaving in a new strip.



Aluminum Material Properties

Aluminum is a lightweight and durable metal known for its excellent strength-to-weight ratio and corrosion resistance, making it an ideal material for outdoor furniture. The aluminum used in the furniture is coated with a powder coat finish, applied through an electro-static process. This application method ensures complete coverage of the metal’s surface and results in a consistent and durable finish that surpasses traditional paint finishes. The powder coat finish is highly resistant to knocks and scratches, impervious to moisture, highly corrosion-resistant, and easy to clean.

The powder coating process involves a thorough pre-treatment procedure. Initially, the material is sanded using abrasive paper, similar to how wood is sanded. Next, the frames and components undergo a series of chemical baths to clean and degrease the metal. The corrosion resistance of the aluminum is further enhanced through a pre-treatment step involving a chrome conversion coating, which deposits a thin layer of chrome on the surface. Subsequently, the powder coat, typically made of polyester, is applied using electrostatic spraying equipment. A thin layer of powder is evenly deposited over the entire frame, after which the frame is placed in an oven at around 200°C (392°F) for 15-20 minutes, depending on the component’s size.

The advantage of using powder coat over traditional paint finishes lies in its hardness and the ability to achieve a thicker coating. Additionally, the powder coat process does not involve solvents. However, one disadvantage of powder coat compared to liquid paint finishes is the difficulty in repairing any damages. It is challenging to perfectly match the appearance of the original powder coat with a repair made using liquid paint.

Aluminum Cleaning

Powder-coated aluminum furniture generally requires minimal maintenance. To keep it clean, simply use water and a mild liquid detergent to gently remove dirt or splashes. You can use a microfiber cloth or sponge to wipe the surfaces of the furniture. After cleaning, it’s advisable to remove any surface water using a drying cloth, similar to what you would use on a car, to prevent water spots from forming. It’s important to avoid using abrasive cleaning agents or materials as they can potentially mark the surface of the powder coat. Additionally, refrain from using steel wool or Scotch-Brite on powder-coated surfaces, as they can cause damage.



Rope & Strap Material Properties

To maintain outdoor rope and delay the need for deep or vigorous cleaning, it is essential to follow proper maintenance practices. Here is a guide for light cleaning:

1. Begin by lightly brushing off any loose dirt from the rope.
2. Prepare a cleaning solution by mixing 1-part mild detergent with 16 parts lukewarm water (below 100°F/40°C).
3. Apply a generous amount of cleaning solution to the rope.
4. Allow the cleaning solution to soak into the rope and then gently clean it using a sponge or a soft bristle brush.
5. Thoroughly rinse the rope to remove all soap residue and then allow it to air dry. By promptly brushing off dirt, wiping up spills immediately, and spot cleaning stains as soon as they occur, you can effectively maintain the appearance of outdoor rope.

Stubborn Stains & Mildew

While the materials used in outdoor rope are not prone to promoting mildew growth, it is still possible for mildew to develop on dirt or other foreign substances that accumulate on the rope. In such cases, the following steps can be taken for more intensive cleaning:

1. Create a cleaning solution by combining 4 teaspoons of household bleach and 1 teaspoon of mild detergent with 235-355ml (1-1/2 cups) of lukewarm water.
2. Spray the cleaning solution onto the stained area of the rope and allow it to soak in for approximately 15 minutes.
3. Use a sponge, clean towel, or soft bristle brush to gently remove the stain from the rope.
4. Thoroughly rinse the rope with water, repeating the rinsing process at least three times to ensure complete removal of any soap or bleach residue. After rinsing, allow the rope to air dry.

It is important to note that any residual bleach left in the rope can lead to premature deterioration. Prolonged exposure to diluted bleach or full-strength household bleach is not recommended for cleaning rope. When working with bleach, it is advisable to remove all cushions and protect the surrounding area, as bleach can discolor fabrics. Additionally, please adhere to the safety and environmental precautions specified on the bleach label, as bleach can have harmful effects on the natural environment.

Protective Cover Material Properties

To protect your furniture when it is not in use, we highly recommend utilizing specially designed protective covers that are available for many of our products. These covers serve as a barrier against dirt, stains, and environmental elements such as falling leaves, passing birds, and splashes. Our attention to detail ensures that each cover is tailored to fit the unique dimensions of our furniture, providing a perfect fit.

In addition to individual covers for specific items, we also offer covers for stacking chairs. This means that a single cover can be used to protect a stack of four chairs, offering convenience and ease of use. For our modular furniture collections, adjacent covers are designed to zip and Velcro together. This feature allows you to cover the entire set without the need to separate each item, simplifying the process.

To ensure the covers stay securely in place, all of them are equipped with either strap-and-clip connectors or ties, providing protection against wind and ensuring a snug fit. By utilizing these specially designed covers, you can maintain the cleanliness and longevity of your furniture, even when it is not in use.

Skyline Design protective covers are crafted using Sur Last®, a heavy-duty 100% solution-dyed polyester material from Glen Raven, the parent company of Sunbrella®. Sur Last® is specifically designed to provide exceptional performance as a cover material, offering a combination of UV resistance, water resistance, breathability, and durability.

The breathability of the fabric is a crucial feature that helps reduce dampness, heat build-up, and condensation. By allowing air to circulate, it minimizes the chances of mold or mildew developing on the furniture underneath the cover.

However, due to the breathable nature of the fabric, it is possible for a small amount of moisture to penetrate the cover, especially on horizontal surfaces if water is allowed to collect. It is important to remove any sitting water to prevent excessive moisture from being drawn through the fabric.

For optimal performance, particularly when covering upholstered furniture and/or cushions for an extended period, ensure that all items of furniture are completely dry before being covered. We recommend fully drying cushions indoors before fitting the covers to eliminate any moisture from the cushion interior.

Regularly removing the protective covers is also advised. Even when not in use, the furniture should be cleaned and maintained. During heavy rain, splashes may find their way underneath the covers. It is important to remove any residual dirt, especially from upholstery.

While all our furniture is designed to withstand exposure to the elements, natural materials such as teak are expected to undergo changes in character over time as part of the weathering process. Protective covers help slow down this process and shield your furniture from nature's elements, regardless of the season.

Cover Tips

When using a protective cover on dining tabletops for an extended period of time, we recommend placing an ordinary household object, such as a paper coffee cup, underneath the cover. This helps elevate the fabric away from the surface of the table, facilitating natural drainage and preventing water from pooling on the cover's top surface. For square or round tables, one object is sufficient, while rectangular tables may require two objects.

To clean the cover, follow these steps:

1. Begin by brushing off any loose dirt and debris from the cover.
2. Prepare a cleaning solution by mixing mild detergent with lukewarm water in a ratio of 1:16 (one part detergent to sixteen parts water). Ensure the water temperature is below 100°F/40°C.
3. Apply the cleaning solution onto the cover using a spray bottle or sponge and use a soft bristle brush to gently clean the fabric.
4. Thoroughly rinse the cover with water to remove all soap residue.
5. Allow the cover to air dry completely before storing or reapplying it to the furniture.

By following these cleaning instructions, you can maintain the cleanliness and longevity of your protective cover, ensuring that it continues to provide effective protection for your dining table.



Teak Material Properties

Teak furniture possesses unique material properties that make it highly durable and low maintenance. Contrary to popular belief, teak furniture does not require special maintenance routines or additional protection beyond occasional cleaning. When left to weather naturally, teak will undergo a beautiful transformation, transitioning from a golden-brown hue to a light silvery grey as the pigments in the wood's surface layer gradually fade away. The duration of this process varies, ranging from 6 months to 2 years, depending on the location and exposure to the elements.

At Skyline Design, our teak furniture boasts a natural finish without any additional applied finishes. Some of our products undergo a fine sanding process to achieve a smooth surface, typically using 220-grit sandpaper. Other pieces may undergo buffing, which enhances the teak's natural oils, creating an ultra-smooth surface with a subtle gloss, enhancing the richness and color of the wood. However, it's important to note that buffing is a temporary cosmetic process that will diminish over time with exposure to rain, sun, or when the furniture is cleaned.

We recommend allowing teak furniture to weather naturally, complemented by thorough cleaning once or twice a year using a mild detergent solution or, ideally, a Teak Cleaner. Occasional light sanding can be beneficial to eliminate raised grain and restore a smooth finish. Power washers should never be used on teak as they can erode the wood's soft surface, resulting in a rough texture.

To preserve the original appearance of fresh teak furniture, it is advisable to apply a Teak Sealer when the furniture is new. This will help maintain the natural brown color without excessively darkening the wood. Applying a Teak Sealer should be done annually for optimal results.

Due to its natural oil content, teak cannot be painted or varnished effectively. Any paint or varnish applied to teak will not adhere properly and will eventually peel off. Furthermore, using teak oil or other wood oils on outdoor teak furniture is not recommended, as teak already possesses natural oils. Additional oiling can lead to the formation of mildew and cause the teak to gradually turn black, which can only be remedied through aggressive sanding.



TEAK CARE & MAINTENANCE

Skyline Design teak undergoes a meticulous kiln drying process, resulting in a moisture content of 12%. However, even after drying, teak can still absorb moisture, leading to natural expansion and contraction, commonly referred to as ‘movement.’ This movement is influenced by changes in temperature and humidity, with outdoor conditions being more extreme than indoor environments. To accommodate this natural behavior, outdoor teak furniture typically features slats rather than wide boards. Although our furniture is designed to minimize timber movement, it cannot be entirely prevented.

If you plan to store your teak furniture during the winter, we recommend doing so in a dry garden shed or garage. However, it’s important to avoid directly moving teak furniture from the garden into a heated indoor room for storage. The sharp contrasts in temperature and humidity could result in excessive movement and potentially cause splits in the wood.

The appearance of oil on the surface of teak furniture is completely normal. Teak naturally contains oils that contribute to its suitability for outdoor furniture and serve as indicators of high-quality teak. These oils are essential for the wood’s ability to withstand the extreme temperature and humidity conditions it encounters outdoors. During the initial exposure to rain, the oils and pigments within the teak’s surface layer may gradually be washed out. This is a natural occurrence, and the bleeding will diminish over time, usually within 2-3 months, depending on the furniture’s environment.

To prevent staining, it is advisable not to place new teak furniture on light-colored, porous stone patio surfaces until the bleeding process has subsided. Additionally, during the first few months of exposure, it’s best to avoid leaving cushions covered in light-colored fabrics on or near teak furniture during wet weather. The initial period sees a higher amount of oil being released from the teak, which increases the likelihood of staining surfaces and fabrics. If cushions or fabrics do become stained by the teak’s oils, we recommend using our proprietary solution for effective stain removal.

Cleaning with Teak Cleaner:

1. Before using Teak Cleaner, wear eye protection and rubber gloves for safety.
2. Cover the ground under your working area to protect it from any potential spills or splashes.
3. Moisten the surface of the teak furniture thoroughly with clean water before applying the cleaner.
4. Spray the Teak Cleaner onto the wet stained area and allow it to soak in for approximately 3 minutes.
5. Use the scrubbing pad supplied with the cleaner to remove any dirt and grease from the teak. Scrub gently but effectively.
6. Rinse the treated surface thoroughly with clean water to remove any remaining cleaner residue.
7. Allow the teak furniture to air dry completely.

Sealing with Teak Sealer:

1. Before using Teak Sealer, ensure you are wearing eye protection and rubber gloves.
2. Cover the ground under your working area to protect it.
3. If the teak furniture is new, use Teak Cleaner first to remove the natural teak oils on the surface. If the teak is dirty, use Teak Cleaner to remove all stains.
4. If the cleaned wood feels rough, lightly sand the surface before applying the sealer.
5. Make sure the teak wood is 100% dry and free of dust before applying the sealer.
6. Shake the bottle of Teak Sealer for at least one minute to ensure proper mixing.
7. Test the sealer on a small, inconspicuous area to check if the color meets your expectations.
8. Apply a very thin layer of Teak Sealer evenly over the furniture using the cloth supplied. Ensure an even and smooth application.
9. Allow the first coat of sealer to dry for approximately 30 minutes.
10. Apply a second thin coat of sealer after the initial coat has dried.
11. Re-treat your teak furniture with the Teak Sealer at least once a year to maintain its protection and appearance.

Following these instructions will help you effectively clean and seal your teak furniture, keeping it protected and looking its best.

Teak do’s and don’ts

Here are the do’s and don’ts of teak care and maintenance:

Do’s:

- Clean teak gently using water and mild detergent for regular cleaning.
- Use a cloth, sponge, or soft brush to clean the teak.
- Use a Teak Cleaner once a year for the best results. Follow the instructions provided by the manufacturer.
- Use the supplied abrasive paper to remove surface scratches or marks that cannot be cleaned with regular methods.
- Always sand in the same direction as the timber grain when using abrasive paper.

Don’ts:

- Don’t use a pressure washer on teak furniture. The high-pressure water can damage the wood.
- Don’t use a stiff or wire brush or steel wool on teak. These can remove the softer part of the grain and leave an unwanted textured surface. Steel wool may also stain the teak with rust spots.
- Don’t use bleach on teak as it can discolor the timber.

By following these do’s and don’ts, you can effectively care for and maintain your teak furniture, keeping it in good condition for years to come.



Cleaning Sunbrella® Fabric

One of the best ways to keep Sunbrella fabrics looking good is to brush off dirt and debris before it becomes embedded in the fabrics and to address messes and clean spills soon after they occur. The quicker you clean spills, the easier they can be to remove.

Try This First... With a New Spill on Your Sunbrella Fabric:

Blot (don't rub) liquid spills with a clean, dry cloth.

For oil based spills, apply an absorbent such as corn starch, then remove with a straight edge.

Spray on a mild cleaning solution of soap and water or use Sunbrella Clean™ Multi-Purpose Fabric cleaner.

Rinse the fabric thoroughly to remove all soap residue.

Air dry.

Try This Next... If Your First Try Doesn't Get the Spill Completely Out:

Though Sunbrella fabrics can be used both outdoors and in, your cleaning methods should differ slightly based on the fabrication and manufacturing of the furniture. We recommend using the appropriate cleaning instructions for your application.

Outdoor Upholstery Cleaning Removable Fabric by Hand Washing

Soak fabric in a solution of 1/4 cup mild soap per gallon of lukewarm water. Use a sponge or very soft bristle brush to lightly agitate the stain. Then rinse thoroughly to remove all soap residue and allow fabric to air dry.

Machine Washing

Some removable casings can be washed in the washing machine. However, consult the furniture manufacturer before removing the casing as cushion construction may vary. To wash, first close all zippers. Machine wash in cold water on the delicate cycle with normal amounts of mild laundry detergent. For severe mold or mildew, add 1 cup of bleach. Allow fabric to air dry.

Cleaning Non-Removable Fabric

Prepare a solution of 1/4 cup mild soap per gallon of lukewarm water. Use a soft bristle brush to clean, allowing the cleaning solution to soak into the fabric. Rinse thoroughly to remove all soap residue and allow fabric to air dry.



For best results when cleaning upholstered pieces, clean the entire surface area of the fabric, from seam to seam, instead of rubbing the fabric in a circular motion on the spill. This method, along with an extractor, may be required in order to avoid water rings and residue.

For our Sunbrella solution, we recommend Sunbrella Clean Multi-Purpose Fabric Cleaner. Or an upholstery cleaner such as 303® Multi-Surface Cleaner

Specific information on cleaning is available at sunbrella.com/cleaningguide

Oil Based Stains

If a stubborn oil based stain persists after cleaning, use Sunbrella Extract™ Oil Based Stain Remover or treat with a strong degreaser and rinse thoroughly.

Specific information on spill cleaning is available at sunbrella.com/cleaningguide

Mold and Mildew

Sunbrella fabrics do not promote mildew growth, however, mildew may grow on dirt and other foreign substances if not removed from the fabric. To remove mold or mildew:

Prepare a solution of 1 cup of bleach and 1/4 cup mild soap per gallon of water.

Spray on entire area and allow to soak into the fabric for 15 minutes.

Clean entire surface area with a sponge, clean towel or very soft bristle brush.

Rinse thoroughly to remove all soap residue.

Air dry.

For severe mold/mildew growth, bleach quantities may be increased.

We recommend using our Sunbrella Clean Multi-Purpose Fabric Cleaner followed by a diluted bleach solution.

Specific information on spill cleaning is available at sunbrella.com/cleaningguide