

CARE AND MAINTENANCE

FABRIC CARE - Recacril® 9 oz. marine-grade acrylic fabric is treated with the Infinity Process, a highly technological finish providing Recacril® with long-lasting protection against mold and mildew, excellent water and oil repellency, and protection from the sun. However, the accumulation of dust, pollution particles, foreign organic materials, and general dirt can damage this protection, shortening the life of the Recacril®.

The most effective method for maintaining Recacril® is to clean the canvas once a month with water, using a low-pressure hose. It is very important that after cleaning with water, the canvas be allowed to completely dry before rolling or storing your umbrella. If for any reason you must roll and/or store a wet umbrella, it must be unrolled and opened as soon as possible to dry. In times of continuous rain, it is advisable to keep the umbrella rolled and stored.

If periodic washing with water is done, in most environments, you should only need to do a more thorough cleaning every 2-3 years.

FABRIC CRAZING/MARBLING - Crazing is an inherent characteristic of all solution-dyed acrylic fabrics and is caused by folding or creasing of the fabric during production or installation.

- Crazing lines appear as white lines on dark-colored fabrics when frontlit, and dark lines on light-colored fabrics when backlit. The primary contributors to crazing are the resins added in the final stages of manufacturing. These resins add stiffness so the fabric lies flat during sewing, which is critical for the manufacturing process.
- These resins can be viewed as an industrial fabric starch with a specific end purpose. Crazing does not affect the performance or characteristics of RECASENS, Sunbrella®, Outdura®, or other acrylic fabrics. The fabric remains water repellent as well as stain and mildew resistant, and the lines will diminish over time with exposure to the elements.

CASUAL CARE/CLEANING

- Brush off dust and dirt with a soft brush. NEVER brush with stiff brushes since this can damage the fabric finish.
- Spray the umbrella with clean water. If a hose is used, avoid high pressure.
- Prepare a solution of solvent-free soap in warm water (no more than 100°F) and apply it to the fabric and stitching.
- Scrub with a soft brush, allowing the solution to penetrate the fabric.
- Rinse with water to remove all traces of soap.
- Let air dry and do not close the umbrella until canvas is completely dry.

INTENSIVE CARE/CLEANING - Recacril® is highly resistant to the growth of fungus, mold, and mildew. However, these can grow on embedded dirt. To clean these stains, follow these more intensive cleaning procedures.

- Brush off dust and dirt with a soft brush. NEVER brush with stiff brushes as this can damage the fabric finish.
- Prepare a solution with 10% household bleach, 20% solvent-free neutral detergent (free & clear detergents), and 70% water.
- Apply the solution to the fabric, allowing it to remain between 15 and 20 minutes maximum.
- Rinse with clean water several times. Any bleach residues remaining on the canvas, combined with the sun, could damage the fabric and stitching.
- Let air dry and do not close the umbrella until canvas is completely dry.
- Repeat the process if necessary.

BASE CARE - Do not let dirt build up on the bases. Bases should be cleaned with mild soap and water. Seasonal touch-up of any scratches, chips, occasional rust seepage from crevices, or hidden or unfinished surfaces inherent in some designs is all that is required. Never leave bases standing in water. To keep your bases looking their best, you may wish to store them when not in use for an extended period of time.

Finishes will vary slightly depending on the final process and raw materials on which they are applied.

POWDER COATED STEEL BASE/STEM - Upon receiving your powder coated steel base and/or mount, apply a rust inhibitor to the inside of the steel stem. The stems are powder coated steel; however, the inside of the stem lacks total coverage, exposing the raw steel and accelerating natural deterioration.

PREVENTIVE MAINTENANCE PRO TIP: Ferrous metals are naturally in the air and can adhere and etch in to any surface. These small particles can rust on the surface giving an unsightly look. To combat this, before setting up your base, rinse with clean, fresh water, towel dry or air dry, and apply WD-40 Specialist Long-Term Corrosion Inhibitor to the entirety of the base. Repeat this twice a year to ensure the longevity of your base.

Periodically hose powder coated steel bases, steel umbrella stems, and steel mounts with warm, fresh water and a mild detergent. This should be a part of a weekly routine to ensure the longevity of all steel products.

VISUAL RUST - If you notice rust stains, rinse the steel product with warm water and a mild detergent to determine its origin. Once the damaged area has been discovered, scrub off the visible rust using warm water, white vinegar, and a stainless steel wire brush (steel wire brushes will leave further iron deposits on the surface).

Once rust (orange oxidation) is visibly gone, apply a thin coat of Rust-Oleum® Stops Rust® Rust Inhibitor Spray to the affected area. Then apply the closest-matching Rust-Oleum® paint available at your local hardware store.

Rusty water stains may appear from rusting ferrous metal deposits on the surface, not the actual product. The most common place this would occur is from the umbrella stem/threads. Remove the stem and clean with warm, fresh water; white vinegar; and a soft sponge or brush. Dry off with a towel, apply WD-40 Specialist Long-Term Corrosion Inhibitor to the threads of the umbrella stem and female receiving cup of the stem.

VINYL CARE - The most effective method for maintaining Frankford's heavy-gauge vinyl is to clean the vinyl once a month with water, using a garden hose to prevent the accumulation of dust, pollution particles, foreign organic materials, and general dirt stains. For more embedded stains, brush the loose dirt away with a soft brush and rinse the vinyl with a garden hose. Use a vinyl cleaner, sponge, and lukewarm water to scrub away stubborn stains. Do not use dish detergent as this will dry out the vinyl and expedite the aging process of the vinyl material.

CLEANING ABS PLASTICS - Frankford uses electroplating on our plastic crank boxes for Brushed Silver (**MS**) and Platinum (**SR**) finishes. This is to protect the plastic parts from corrosion. The plating process will also increase the wear resistance and strength of the product. To clean these specific finishes, follow the methods below.

TOOTHPASTE - Removes light scuffs and cloudiness.

- Spread a thin layer of opaque white (no gel) toothpaste on the surface of the chrome plating. Rub the toothpaste with a soft, clean cloth in small circular and swirling patterns (little to no force).
- Using a fresh, dry cloth or microfiber, wipe away the toothpaste, revealing a shiny, clean surface.

WHITE VINEGAR - General Cleaning.

- Pour undiluted distilled white vinegar in to a spray bottle and begin to spray the surface until saturated.
- Using a fresh, dry cloth or microfiber, wipe while simultaneously buffing away the vinegar.

WIND RATINGS

Wind ratings do NOT form any part of, nor fall under, any of Frankford Umbrellas' warranties. Wind ratings are intended as a guide to the relative strength of the umbrellas only and tested at their optimal positions. Umbrellas with any degree of tilt should not follow the below ratings. Wind can be extremely variable, depending on the surroundings, elevation, gusts, etc.

In any high wind or sudden extreme weather conditions, all umbrellas should be closed and secured immediately, regardless of size, weight, or base weight and never be left unattended in the open position. This will reduce the risk of damage to your umbrella, furniture, and property.

Frankford can recommend specific bases and anchoring systems for specific umbrellas (pg. 22). However, these are only recommended weights as different environments may require different base options. Umbrellas be secured to a sufficiently weighted umbrella base.

Please contact us for assistance in choosing the proper umbrella base or anchoring system. In the event Frankford shade products are left open and/or unattended in harsh weather conditions, our customer service department is here to help you and promptly assist with parts for repairs. Our shade products offer modular, self-repairable components which allow customers to service the umbrellas to keep them in perfect working condition.

ECLIPSE CANTILEVER

Engineered to withstand 35 mph sustained winds.
Addition of Wind Stabilizer kit will increase overall to 40 mph.

AURORA CANTILEVER

Engineered to withstand 25 mph sustained winds.
Addition of Wind Stabilizer kit will increase overall to 30 mph.

NOVA GIANT TELESCOPING

Engineered to withstand 50 mph sustained winds.

GREENWICH ALUMINUM MARKET UMBRELLA

Engineered to withstand 30 mph sustained winds.

CATALINA MODERN FIBERGLASS PATIO UMBRELLA

Engineered to withstand 35 mph sustained winds.

ECLIPSE RECTANGLE CANTILEVER

Engineered to withstand 15 mph sustained winds.
Addition of wind the stabilizer kit will increase overall to 20 mph.

AURORA FIBERGLASS CANTILEVER

Engineered to withstand 30 mph sustained winds.

G-SERIES GIANT MARKET UMBRELLA

Greenwich: Engineered to withstand 30 mph sustained winds.
Monterey: Engineered to withstand 35 mph sustained winds.

MONTEREY FIBERGLASS MARKET UMBRELLA

Engineered to withstand 40 mph sustained winds.

LAUREL CLASSIC STEEL PATIO UMBRELLA

Engineered to withstand 20 mph sustained winds.

Frankford Umbrellas have been tested successfully in extreme weather and winds up to 40-50 mph. However, we strongly recommend closing your umbrella when not in use or when sustained winds exceed 25 mph.