

Cleaning Instructions: Flexible Screen Materials

Please read all instructions carefully before proceeding!

The screen surface on your Stewart Filmscreen is extremely delicate. Use care when touching or cleaning the screen. Minimize the amount you touch the screen with your bare hands as body oils can discolor the surface.

- i. Brushing softly and lightly with a clean, soft bristled brush will remove any loose dirt or dust. Do not vacuum or use sharp instruments.
- ii. For tougher spots, attempt to remove using a non-moisturizing/non-oily detergent (diluted to 20% strength), water, and a cellulose sponge. Blot lightly with cellulose sponge, working from the bottom of the screen and moving up in sections. Do not rub, as you will damage the optical coating. Use clear water in the same method to rinse any solution off and blot with a clean damp sponge to remove excess water. Cleaning should be done in the shade.
- iii. Never attempt to use solvents, commercial cleaners, chemicals or any abrasive type cleanser on the screen.
- iv. Spot cleaning areas of the screen is not recommended. If the screen has dirt and dust on it, wash the entire screen as described in number 2, and dry with a large damp cellulose sponge or chamois, softly applied, to prevent water spotting or streaking.
- v. Keep your screen clean and avoid getting any foreign materials on it. Cleaning or removing scratches, paint, ink, nicotine stains, etc., may prove difficult if not impossible.

With reasonable care, you can expect many years of trouble free use from your Stewart projection screen. If there is any question as to the suitability of a cleaner, please contact Stewart Headquarters toll free at (800) 762-4999.

Cleaning Instructions: Rigid Screen Materials

Please read all instructions carefully before proceeding!

The screen surface on your Stewart Filmscreen is extremely delicate. Use care when touching or cleaning the screen. Minimize touching the screen with your bare hands as body oils can discolor the surface.

- i. Brushing softly and lightly with a clean, soft bristled brush will remove any loose dirt or dust. You can also use a vacuum with a soft brush.
- ii. For tougher spots, attempt to remove using a non-moisturizing/non-oily detergent (diluted to 20% strength), water and a cellulose sponge. Blot lightly with a cellulose sponge, working from the bottom of the screen up in sections. Do not rub, as you will damage the optical coating. Use clear water in the same method to rinse any solution off and blot with a clean damp sponge to remove excess water. Cleaning should be done in the shade.
- iii. Never attempt to use solvents, commercial cleaners, chemicals or any abrasive type cleanser on the screen.
- iv. Spot cleaning areas of the screen is not recommended. If the screen has dirt and dust on it, wash the entire screen as described in number 2, and dry with a large damp cellulose sponge or chamois, softly applied, to prevent water spotting or streaking.
- v. The Uncoated side of your rigid screen requires only the care normally given such glass or acrylic surfaces.
- vi. Keep your screen clean and avoid getting any foreign materials on it. Cleaning or removing scratches, paint, ink, nicotine stains, etc., may prove difficult if not impossible.

With reasonable care, you can expect many years of trouble free use from your Stewart projection screen. If there is any question as to the suitability of a cleaner, please contact Stewart Headquarters toll free at (800) 762-4999.

Cleaning Instructions: StarGlas Screen Material

Please read all instructions carefully before proceeding!

StarGlas is sold with an anti-reflective optical coating applied to its outer surface as standard. Although the coating is very thin, it is a hard and durable surface that reduces visible light reflection to less than 1%, and it is much less than the 4% of ordinary clear glass. The coating does require special cleaning procedures.

Routine Cleaning

StarGlas can be cleaned and maintained by hand washing with non abrasive, ordinary glass cleaning solutions. A mild detergent and water solution is recommended. Do not use detergents with additives that leave a residue such as lanolin. Do not dry wipe dirt and debris from the surface of the screen as scratching can occur. Uniformly apply the detergent solution to the screen and wash with a clean, soft cloth, sponge, or pad. The wash solution acts as a solvent for cleaning the screen and serves as a lubricant to float loose debris off the surface. Rinse thoroughly with clean water and wipe or squeegee dry immediately. Make sure no metal parts of the cleaning equipment make contact with the screen surface and that no abrasive particles are trapped between the screen and cleaning materials.

Stubborn stains can be removed with organic solvents such as mineral spirits, denatured alcohol, acetone, or MEK. Comply with all of the solvent manufacturer's directions concerning safety, proper handling, toxicity, and flammability warnings. Follow the solvent wash with a detergent wash and clean water rinse to remove solvent and dirt residues. Do not allow wash solution or solvent to come in contact with the screen interlayer.

Warnings

Do not use harsh chemical cleaners, abrasives, cleaners with abrasives, sponges with abrasives, steel wool or cloth with steel threads. Do not use detergents with ammonia or fluoride. Do not use alkalis or acids. All of these can severely damage the anti-reflective coating. Do not wear rings or other jewelry that can also come in contact with the surface and cause scratches.

Frequency of Cleaning

The exposed surface of StarGlas will not get dirty any faster than ordinary glass but the anti-reflective surface can show dirt, finger prints and other deposits more readily. StarGlas should not be allowed to become dirtier than is visibly acceptable. Clean as frequently as needed to prevent it from appearing unacceptably dirty. Do not allow stains to remain on the screen as these may become more difficult over time to remove safely.

With reasonable care, you can expect many years of trouble free use from your Stewart projection screen. If there is any question as to the suitability of a cleaner, please contact Stewart Headquarters toll free at (800) 762-4999.

Cleaning Instructions: Opta Screen Materials

Please read all instructions carefully before proceeding!

The screen surface on your OptaScreen (Wave) is extremely delicate. Pay special attention to these instructions when cleaning.

- i. A draftsman's style brush may be used to lightly whisk away any loose dirt or dust particles. Do not use a sharp instrument to remove any particles. Softly brush from the center to the edges.
- ii. For small spots, an acrylic cleaner which is available at a commercial plastics supply house should be used. On the Fresnel side (back) of the screen, clean in circular motion with the grooves. On the front side, clean in a linear vertical motion. Use a minimum amount of pressure, a lint-free cloth or soft material pad, and apply cleaner to as small an area as possible. Follow the instructions on the cleaner.
- iii. Tougher spots on your screen will require a mild solution of detergent and water, and a sponge or soft-bristled brush. Rub lightly to remove the spot, and then blot with a damp sponge to absorb excess water. Work from the bottom of the screen toward the top if large sections of the screen require cleaning. Rinse the screen frequently with clear water so that the detergent does not have time to dry on the screen.
- iv. NEVER attempt to use solvents, chemicals, or any abrasive cleaners on the screen.
- v. We encourage you to keep your screen clean. Avoid getting any foreign materials on it, as cleaning may prove to be very difficult, or even impossible (scratches, paint, ink, etc.) Never paint in the vicinity of the screen unless the screen surface is completely protected.

With reasonable care, you can expect many years of trouble free use from your Stewart projection screen. If there is any question as to the suitability of a cleaner, please contact Stewart Headquarters toll free at (800) 762-4999.

Cleaning Instructions: Front Surface Mirrors

Please read all instructions carefully before proceeding!

An Enhanced Aluminum Front Surface Mirror is unlike regular mirrors. Coating is applied in a vacuum chamber and is on the front surface rather than the back. While this coating is quite durable and can be cleaned repeatedly, this type of mirror requires special attention and care when cleaning, or irreparable damage to the mirrored surface may occur.

For large mirrors we would recommend using a commercially available non-abrasive cleaner such as "Sparkle". It is available in most hardware and discount dept. stores.

Initially blow off any loose debris such as dust, with a jet of clean air, nitrogen or a soft brush.

Thoroughly moisten a clean, soft lint-free towel with "Sparkle" or Isopropanol, and wipe the surface very carefully to remove any contamination. With another cloth, quickly, but gently wipe dry to avoid leaving smears. Repeat as necessary to return to its original appearance.

Never use any ammonia based or abrasive cleaner.

****Stewart Filmscreen accepts no responsibility for mirrors that are cleaned improperly.****

With reasonable care, you can expect many years of trouble free use from your Stewart projection screen product. If there is any question as to the suitability of a cleaner, please contact Stewart Headquarters toll free at (800) 762-4999.