



INSTALLATION AND CARE & MAINTENANCE INSTRUCTIONS

The proprietary UV and Abrasion Resistant surface coating on SHIELDS® SUPERCOATED™ polycarbonate significantly improves performance. Periodic cleaning using proper procedures and compatible cleaners are recommended to prolong service life.

Installing Your SHIELDS® SUPERCOATED™ Window

When possible – use your factory supplied hardware and/or gaskets.

DO NOT OVERTIGHTEN FASTENERS

It is recommended to apply some RTV silicone in the holes of any fasteners to provide a type of ‘living’ grommet to absorb stress as the window performs and thermally expands and contracts. RTV silicone should be used with gasket adhesion.

****DO NOT USE ANY OTHER ADHESIVES OR ‘LOCK TIGHT’ CHEMICALS OTHER THAN RTV SILICONE.**

***The use of these chemicals in holes and edges (non SUPERCOATED™ surfaces) will attack the polycarbonate.*

ANY USE OF NON-RECOMMENDED CHEMICALS, ADHESIVES, OR ANY FABRICATION CONDUCTED TO THE WINDOW WILL IMMEDIATELY VOID ANY/ALL WARRANTY CLAIMS.

CLEANING THE SUPERCOAT™ HARD-COAT

1. Wash with a mild solution of soap or detergent and lukewarm water.
2. Using a soft cloth or sponge, gently wash the sheet to loosen dirt and grime and rinse well with clean water.
3. To prevent water spotting, thoroughly dry with chamois or cellulose sponge.
4. Avoid the use of abrasive cleaners, squeegees and/or other cleaning implements that may mar or gouge the coating.

CLEANING AGENTS WHICH HAVE BEEN FOUND TO BE COMPATIBLE UNDER LABORATORY CONDITIONS:

• ***Aqueous Solutions of Soaps and Detergents***

Windex¹ Top Job² Joy² Mr. Clean² Fantastik³ Formula 409⁴ Sumalight D12 Brucodecid

• ***Organic Solvents***

Butyl Cellosolve Kerosene Hexel, F.O. 554 Naphtha (VM&P grade) Neleco-Placer Turco 5042

• ***Alcohols***

Methanol Isopropyl All residual organic solvents should be removed with a secondary rinse.

GRAFFITI REMOVAL

- (A) Butyl cellosolve (for removal of paints, marking pen inks, lipstick, etc.). The use of masking tape, adhesive tape or lint removal tools works well for lifting off old weathered paints.
- (B) To remove labels, stickers, etc., the use of kerosene or VM&P naphtha are generally effective. When the solvent will not penetrate sticker material, apply heat (hair dryer) to soften the adhesive and promote removal.

IMPORTANT: If a material is found to be incompatible in a short-term test, it will usually be found to be incompatible in the field. The converse, however, is not always true. Favorable performance is no guarantee that actual end-use conditions have been duplicated. Therefore, these results should be used as a guide only and it is recommended that the user test the products under actual end-use conditions.

RECEIVING & INSPECTION: All parts must be inspected upon receipt. Any damage to container or parts must be reported immediately. FORM/TEC Plastics, Inc. is not responsible for parts damaged in transit, or for defects not immediately reported.

RETURNS: Certain parts may be returned provided the parts are unused – meaning new parts completely undamaged or fabricated. Parts for return must be properly packaged and shipped freight pre-paid to: SHIELDS® Windshields, 1000 Industrial Drive, Martinsville, IN 46151. There will be a 15% re-stocking fee for all returned parts. No returns on custom or special parts.

FORM/TEC Plastics, Inc. Product Disclaimer:

Any and all polycarbonate windshields, windows, windcreens, faceshields, canopies, covers, or guards are produced without any express or implied warranty of any kind concerning guarantees of bodily protection or customer’s end-use application for any particular purpose, shape, or form. FORM/TEC Plastics, Inc. does not warrant and is not responsible for any direction or recommendation as to the product’s end-use in design or applications, and the customer is fully responsible for its own designated use.

¹Registered Trademark of the Drackett Products Company.

²Registered Trademark of Procter & Gamble.

³Registered Trademark of Texize, Division of Norwich Products, Inc.

⁴Registered Trademark of the Clorox Company.

⁵Registered Trademark of Pennzoil-Quaker State