

ShowerGuard® Coated Glass Installation & Cleaning Guidelines

Section 1 **INSTALLATION**

Exposure to water, heat, humidity, soap and even household cleaning agents can eventually corrode and stain standard shower glass. But ShowerGuard glass from Guardian is different. Its patented ion beam technology permanently seals the glass surface, protecting against corrosion and discoloration. With regular care using ordinary household cleaners, ShowerGuard coated glass will look beautiful for years to come.

Recommended Installation Technique:

ShowerGuard has a single coated surface; this surface **MUST** be oriented facing the interior of the shower. An identification label is affixed to the uncoated surface of the ShowerGuard coated glass. The non-labeled surface **MUST** face the interior of the shower. The label should be left on the glass until installation of ShowerGuard is complete. In the event the coated surface orientation is lost, an electronic detector can be used to identify the ShowerGuard coated surface (see below).



Coating Detection Method:

An electronic coating detector is a useful tool for identifying the coated surface. Detectors can be purchased from EDTM® by calling (419) 861-1030 or visiting http://www.edtm.com/1_ShowerGuard_coating_detectors.htm.

Guardian recommends that electronic testing devices be checked daily to ensure they are working properly, using known samples of clear glass and ShowerGuard coated glass. Please refer to the equipment manufacturer's recommendations.

Section 2

CARE AND CLEANING GUIDELINES

Tested Sealants:

When installing ShowerGuard care must be taken not to damage the surface or edges. Glazing sealant should be applied per the sealant manufacturer's instructions. Listed below are sealants that have currently been tested.

Sealant Type	Approved/Not Approved
CRL 33 S clear silicone	FAIL (<i>adhesion failure</i>)
CRL 408 RTV clear silicone	PASS
CRL 408 RTV white silicone	PASS
CRL clear silicone sealant 33S	FAIL (<i>adhesion failure</i>)
CRL water clear silicone	FAIL (<i>adhesion failure</i>)
DAP 3.0 Kitchen/Bath/Plumbing	PASS
Dow Corning 786 white silicone	FAIL (<i>adhesion failure</i>)
Dow Corning 791 white silicone	FAIL (<i>adhesion failure</i>)
Dow Corning 795 white silicone	PASS
Dow Corning 999-A	FAIL (<i>adhesion failure</i>)
Dow Corning tub, tile & ceramic white silicone	FAIL (<i>adhesion failure</i>)
SCS 1700	FAIL (<i>adhesion failure</i>)
SikaSil GP Clear with Aktivator	FAIL (<i>adhesion failure</i>)
SikaSil N Plus Clear with Aktivator	FAIL (<i>adhesion failure</i>)
SikaSil N Plus Clear without Aktivator	FAIL (<i>adhesion failure</i>)
SikaSil WS 305 Grey	PASS
Tremsil 200 clear	PASS

For the most current listing or to have a product tested, contact your local Guardian Certification Engineer or Guardian Applications Development / Customer Support at (888) 521-9734.

General cleaning instructions:

ShowerGuard is easier to clean than standard shower glass. Use a soft cloth or wet sponge and any of the household cleaners listed below. Special cleaning or after-care products or replenishment of the coating are not required.

Guardian suggested products for cleaning the ShowerGuard coated surface:

Soft Scrub® Lemon Cleanser
Scotch-Brite® No Scratch Sponge

Approved products for cleaning ShowerGuard glass:

Arm & Hammer® Clean Shower® • Clorox® Bathroom Cleaner with Teflon® • Comet® Bathroom Cleaner with Disinfectant • Fantastik® Antibacterial Heavy Duty Cleaner • Kaboom® Shower, Tub & Tile Cleaner • Lime-a-Way® Bathroom Cleaner • Lysol® Basin, Tub & Tile Cleaner • Scrubbing Bubbles® Soap Scum Remover with Orange Action® • Soft Scrub® with Bleach Cleanser • Tilex® Fresh Shower® • Tilex® Soap Scum Remover • Vim® Cream Cleanser • Vinegar, common household • Windex®

Approved eco-friendly products for cleaning the ShowerGuard coated surface:

- Seventh Generation™ Shower Cleaner • Clorox® GreenWorks® Natural Bathroom Cleaner
- Nature's Source™ Natural Bathroom Cleaner • Windex® Multi-Surface Vinegar

A clean water rinse should follow the use of any of these products. Please follow the manufacturer's instructions for the products listed above.

Note that some cleaning products may not be safe on uncoated glass surfaces, metal, tile, marble, brass or other materials.

Cleaning tips for your specific water type:

Water Quality Type	Indication	Effective Cleaners	Recommended Cleaner	Recommended Cleaning Frequency
Soft Water	Water spots come off with soap and water	Any glass cleaner	Windex®	As-needed
Hard Water	Water spots are removed with vinegar	Any acidic glass cleaner	Solution of 50% vinegar and 50% water	Approximately once every 15 showers
Hard water with dissolved silica	Water spots are not removed with vinegar	Cleaners with mild abrasives	Soft Scrub® Lemon; Kaboom® Shower, Tub & Tile	Approximately once every 10 showers

Cleaning frequency recommendations are guidelines only. Actual cleaning frequency will depend upon humidity, degree of water hardness, shower temperature and other variables. In cases where water has extremely high silica content, it may be helpful to squeegee between cleanings.

General Precautions:

- Immediately remove any construction/installation materials, such as concrete, silicone, paint, or tape.
- Avoid abrasive cleaners such as Ajax, Comet powder, rouge or cerium oxide.
- Hydrofluoric and phosphoric acid are corrosive to the coating and glass surfaces and should not be used.
- Do not use abrasive brushes, razor blades or other sharp objects which may scratch the coating or glass.