

**Installation Instructions: All Rimless Undermount Basins 203, 213, 253, 263**

Please provide these instructions to contractor at point of sale.

**CAUTION:** This sink is made of glass. It is very strong, but sensitive to hard object impact, extreme change in temperature and high mechanical stress. Most damage to this product occurs during installation. Please follow installation instructions carefully. VITRAFORM sinks are intended and Warranted for Lavatory use only.

**Sink Installation**

This sink is intended to be UNDER COUNTER MOUNTED only.

**IMPORTANT NOTE:** The use of Clear Silicone Adhesive is recommended for attaching this sink to most counter materials. Clear Silicone Adhesive is a readily available and easily applied material with good bonding properties. However, it is virtually impossible to remove, ESPECIALLY ON FROSTED GLASS, even before it sets. Consequently, extreme care must be taken while handling Silicone Adhesive in conjunction with this product.

It is easier to attach an under-mount basin to an inverted counter before the counter is installed. The following instructions assume the appropriate cut-out has been made in the counter.

1. Use the Vitraform cut-out template included with Rimless Under-mount basin. Place sink face down on the paper template aligning it to the line marked OUTER SINK EDGE. Mark cross hairs on sink that has been protected by small pieces of masking tape to avoid visibility of marks after installation.
2. Measure the cut-out and mark cross hairs on the counter to locate center of cut-out. Place the sink face down on the counter aligning corresponding cross hairs to lines drawn on counter. Trace line of outer sink edge on counter.
3. Set sink aside on clean, soft surface. Check to make sure the traced line of the edge of the sink is concentric to the cut-out. Lay down ONLY 1/16" bead of silicone approximately at the center line of the rim of the sink so that no silicone will be visible from the top of the counter at the cut-out.
4. Carefully set sink on counter aligning it to the traced line of the outer sink edge. If overflow is included, position overflow to either front or back as desired and align with cross hair marked on counter in step 2. Check once more to make sure the sink is aligned with the cutout in the counter. DO NOT GET SILICONE ON THE BOTTOM SURFACE OF THE GLASS. Do not attempt to wipe or remove excess silicone at this point. Allow 24 hours before moving counter. Any excess silicone may be removed after the silicone has set.
5. Secure sink in place on the counter with masking tape across the drain in a crisscross pattern to avoid shifting while the silicone sets. Tape used on the sink in step #2 may be removed in 24 hours.

If the counter is already installed and sink must be installed from below, use a piece of threaded rod, nuts, washers and a wooden board large enough to span the counter cut-out and a smaller board at the drain hole of the sink. Tighten threaded rod assembly just tight enough to prevent the sink from shifting until silicone sets in 24 hours. DO NOT OVER-TIGHTEN. CAUTION: When inserting and removing the rod through the hole at the drain, be careful not to chip the hole.

**Care for the Vitraform Glass Sink:** Use commercial glass cleaners sprayed onto a soft cloth to clean glass surface(s). Wipe basin dry after use to avoid mineral deposits on glass left by water spots. For frosted glass, special attention to stubborn stains or adhesives may be required. Silicone or other adhesives may be impossible to remove from frosted finishes. If contamination occurs attempt to remove adhesive with glass cleaner first, then denatured alcohol, paint thinner or mineral spirits. If none of these solvents work, the stain might be removed by re-blasting the bowl. Contact the factory for authorization to return the product for evaluation. A return authorization must accompany the product. Please pack the sink in the original box or other proper packing to assure its safe return and insure for full value.

**Care for metal fittings and plated finishes:** Wipe metal fittings dry after use to avoid water spots. Glass cleaner used on the Vitraform Glass Sink may be damaging to metal finishes. Use a diluted, neutral, liquid soap and a soft cloth to clean metal fittings. Never use an abrasive cloth or scouring pad.

**Choice of Installation with or without Overflow**

**Overflow:** hardware supplied

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|-------------------------------|--------------------------|
| <b>A.</b> Rubber Sink Grommet | <b>E.</b> Rubber Washers |
| <b>B.</b> Overflow Nipple     | <b>F.</b> Lower Collar   |
| <b>C.</b> Hex Tool            | <b>G.</b> O-ring         |
| <b>D.</b> Upper Tube          |                          |

Overflow Installation

1. Insert lip of Rubber Sink Grommet **A** into drain hole of sink.
2. Insert Overflow Nipple **B** and Rubber Washers **E** into overflow hole of sink and partially start threads into Upper Tube **D** while aligning Lower Collar **F** with Rubber Sink Grommet **A**.
3. Using Hex Tool **C** lightly tighten Overflow Nipple **B**.

**Drain Collar:** hardware supplied

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| <b>H.</b> Rubber Sink Grommet |
| <b>I.</b> Overflow Collar     |

Overflow Collar Installation

1. Insert lip of Rubber Sink Grommet **H** into drain hole of sink.
2. Mate Overflow Collar **I** with Rubber Sink Grommet **H**.

**Drain Installation**

See Hardware pgs B.a-e for instructions on installing Vitraform drain systems with this basin.

