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## Final Cleaning of Innotech Vinyl Windows and Doors

**Project name** 1620 Broadway  
**Project location** Portland, Oregon  
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**Submitted to** Molly McMillion

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### Overview

Windows and doors are subjected to many kinds of dirt, construction debris and contaminants during the course of construction. Some of this material is found inside the framing at operable window and door sashes. In addition to cleaning the exterior and interior surfaces of the windows and doors, it is just as important to open each window and door sash to inspect and clean the inside surfaces of the framing, to lubricate the operating hardware, and to recondition the glazing gaskets when they have been dried out from contact with drywall dust and other contaminants.

**Caution: Failure to properly clean and condition the windows and doors in this way may result in reduced air and water tightness, and in premature wear of the operating components.**

These recommendations are provided to assist the cleaning staff. It is not possible to describe every condition cleaning staff will encounter or to provide complete instructions for every situation. Cleaning staff must use appropriate professional judgment in carrying out these tasks and are responsible for damage resulting from the use of other cleaning methods.

### Cleaning recommendations for vinyl frames

It is important to clean both the interior and exterior surfaces of the framing, as well as the in-frame cavity around each operable window and door sash.

#### **Interior and exterior surfaces**

Remove all protective materials from the interior and exterior surfaces of the vinyl frames.

Remove surface paint, plaster, cement, or other deposits carefully to avoid damaging the surface finish. Use a soft brush or a damp cloth to gently remove abrasive materials. Avoid scraping, vigorous rubbing, or scratching the framing.

If necessary, wash frames with mild detergent and water. Use soft cloths or sponges that are free of abrasive material. Acceptable cleaning products include the supplied Innotech frame cleaner, Vim, Fantastic, vinegar, or similar products. Do not use cleaners containing pumice or abrasive compounds, or any kind of solvent. Solvents can permanently damage the finish of the frame.

Do not leave cleaning detergents or solutions on the glass. Wipe them from the glass with soft cloths and rinse the glass with clean water.

#### **In-frame surfaces at operating sashes**

Open each window and door sash. Inspect the interior surfaces of the fixed frame and remove all construction debris. Make sure the weep holes in the bottom of the frame are not blocked and are



free of dust or other debris. Clean interior surfaces in the same way as described for exterior surfaces above.

Inspect the metal operating hardware mechanism on all four sides of the operating sash. Use a damp cloth or a soft brush to wipe away dust and construction debris. Apply light machine oil to the mechanism at the points shown on the diagram on the last page.

Inspect the flexible gaskets. Use a damp cloth to wipe away dust and construction debris. The gaskets should be soft and flexible, with a slightly slippery surface. If the gaskets are stiff or dry, apply the supplied gasket conditioner to relubricate them.

**Note: If the gaskets appear to be removed or damaged, or if the sashes do not open or close properly, notify the general contractor.**

#### Cleaning recommendations for glass

Remove all labels and protective materials from the surface of the glass.

Remove surface paint, plaster, cement, or other deposits carefully to avoid damaging the surface finish. Paint and sealants may be removed with proper use of a sharp razor blade. Avoid scraping, vigorous rubbing, or scratching the glass.

Acceptable cleaning products include mild soap, detergent, conventional window cleaning solution, vinegar, or isopropyl alcohol. Do not use other solvents as they may damage the vinyl window frame.

Apply the cleaning solution by spray or use a soft, clean, grit-free cloth. Use light to moderate pressure, using a circular motion, when wiping the cleaning solution on the glass surface.

Rinse immediately with clean water, removing excess water with a squeegee or lint-free cloth. Do not let the metal parts of cleaning equipment contact the glass surface.

Lubrication points

This diagram shows where to lubricate the frame. The frames you see may not be identical to this diagram. Apply several drops of light machine oil at every point of window hardware that matches the diagram below.

Locations that need oil

