



PILKINGTON

NSG Group Flat Glass Business

Technical Information

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Hand Washing

Pilkington Mirropane™ One-Way Mirror

Pilkington **Mirropane™** One-Way Mirror can be cleaned and maintained by hand washing with non-abrasive, ordinary, glass cleaning solutions. For hand washing, a mild detergent and water solution is recommended. Uniformly apply the solution to the glass and wash with a clean, soft cloth, sponge, or pad. Rinse thoroughly with clean water and wipe or squeegee dry immediately. Make sure no metal parts of the cleaning equipment touch the reflective glass surface, and that no abrasive particles are trapped between the glass and the cleaning materials. Stubborn stains can be removed with organic solvents such as mineral spirits, de-natured alcohol, acetone, or MEK, following appropriate safety procedures. The solvent wash should be followed immediately by a detergent wash and clear water rinse to remove solvent and dirt residues.

Do not use harsh chemical cleaners, abrasives, opaque liquid cleaning solutions such as Soft Scrub® by Clorox, steel wool, or razor blades on the reflective surface.

Do not use any strong acidic cleaners on Pilkington **Mirropane™** reflective coatings.

There are a number of solutions commercially available for 'rejuvenating' water-stained glass surfaces. These products usually contain hydrofluoric acid and can severely damage the reflective surface of Pilkington **Mirropane™** One-Way Mirror.

The Pilkington **Mirropane™** reflective coating can be cleaned like ordinary glass, but the reflective surface will show dirt and other deposits more readily. The reflective coating should never be allowed to become dirtier than is visibly acceptable. It should be cleaned as frequently as is necessary to prevent it from ever appearing unacceptably dirty. In this way problems with the accumulation and hardening of dirt deposits can be prevented.

If the glass is cleaned on a regular basis, there should be no need for special washing techniques.

If there is any question about the suitability of any type of cleaner, contact Pilkington North America, Inc. Architectural Technical Services, tel: 419 247 4448.

The information contained in this bulletin is offered for assistance in the application of Pilkington North America Inc. flat glass products, but **IT DOES NOT CONSTITUTE A WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.** Actual performance may vary in particular applications.