

Hand Cleaning Low 'E' Glass

Low 'E' Glass has a thin coating to the inner face of the glass. It is this hard and durable coating which gives the glass its thermal insulation and solar control performance compared to ordinary clear glass. The coated surface of Low 'E' glass does not need to be cleaned differently to ordinary glass and the following guidelines are recommended for the best hand cleaning results.

ROUTINE CLEANING

Hand cleaning of the coated (interior) surface of the Low 'E' glass to visibly remove accumulated dust or fingerprints, can be accomplished using a number of different glass cleaning products. The exterior surface of the glass is not coated and can be cleaned in the same fashion as ordinary glass.

RECOMMENDED ROUTINE GLASS CLEANING PRODUCTS

A mixture of one part vinegar with ten parts water. Vinegar based glass cleaners have generally demonstrated an ability to provide a clean and streak free glass surface. Do not use ammonia based or alcohol based glass cleaners because these cleaners tend to leave visible streaks.

ROUTINE CLEANING PROCEDURE

Flood the glass surface with the spray on cleaning solution or with a cloth saturated in cleaning solution. Be generous with the amount of solution applied.

Scrub the wetted area with a clean, lint-free towel or cloth.

Wipe dry with a dry, clean lint free towel or cloth. **DO NOT USE A SQUEEGEE** on the Low'E' coated (interior) surface.

To prevent streaking, stop wiping when the glass is almost dry and there is a uniform film of moisture left on the glass surface.

Under no circumstances should razor blades or squeegees be used on the low E coated (interior) face of the glass

SPOT CLEANING

Occasionally, spot cleaning may be required to remove stubborn dirt or foreign material that may adhere to the Low 'E' coated surface. Spot cleaning products work to remove markings from grease, oil, tape adhesive and crayons or other waxy material as well as paint and rub-off marks from plastics.

RECOMMENDED SPOT CLEANING PRODUCTS

Acetone (solvent available from hardware stores)

SPOT CLEANING PROCEDURES

Carefully follow the chemical manufacturers instructions

Apply a small quantity of the cleaner listed above to clean, wet cloth or towel. Rub on areas of glass needing spot cleaning

Wipe clean using a dry, lint free towel or cloth followed by a routine cleaning procedure

SPECIALISED CLEANING

Do not use razor blades, steel wool or other metallic objects on the Low 'E' coated surface. If metallic objects contact the coated surface, a thin layer of metal removed from the object may be deposited on the Low 'E' surface which results in a discoloured stain which is difficult or impossible to remove using normal cleaning procedures.

RECOMMENDED SPECIALISED CLEANING PRODUCTS

Hydrochloric Acid (available from hardware stores) diluted to 99% water to 1% hydrochloric acid

SPECIALISED CLEANING PROCEDURE

Carefully follow the chemical manufacturers' instructions

Apply a small quantity of the specialized cleaner listed above to a clean, wet cloth or towel. A cotton bud may be used for thin line type marks.

Rub on areas of glass needing cleaning

Wipe clean using a dry, lint-free towel or cloth followed by a routine cleaning procedure.

Ensure that the cleaner does not come into contact with framing materials

The above information is offered for assistance in the application of flat glass products, **BUT IT DOES NOT CONSTITUTE A WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.** Actual performance may vary in particular application.

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