

BRADNAM'S

MAINTENANCE
RECOMMENDATIONS
FOR
LOW-E GLASS



Low-E glass features a metal oxide coating on one side. These coatings are generally more difficult to clean than non-coated glass. Extra care should be taken to prevent damage when cleaning the coated surface.

It's important to remember that you are cleaning a transparent, very thin metal surface and that:

- Any scratching will penetrate the surface of the coating and cannot be repaired.
- Any excessive mechanical treatment might remove the coating in localised areas.

[See over for more information >](#)

WARNINGS

- Do not wash low-e glass when it is fully exposed to the sun.
- Avoid washing low-e glass when it is too cold or hot.
- Always follow the manufacturer's guidelines and instructions when using cleaning solutions and solvents.
- Do not use cleaning products that are highly acidic, alkaline, or contain hydrofluoric acid or fluorine derivatives.
- Do not use blades, squeegees, scrapers, scourers or other abrasive tools to clean the coated surface.
- Avoid using any chemicals that could harm the coated surface and cause irreversible damage.
- Do not let metal objects touch the coated surface.
- Before cleaning, make sure to remove any jewellery and watches, and be sure to wear gloves.

ROUTINE CLEANING FOR COATED SURFACE

- Using clean water, with or without mild soap or detergent, is usually sufficient for cleaning glass.
- In some instances, a glass cleaning solution may be of some benefit.
- Make sure to use only clean cloths or sponges free of grit.
- When using a glass cleaning solution, ensure the surfaces are rinsed well to remove any residue.
- Make sure to remove excess water.
- Clean glass 3-4 times a year.
- Remove oily spots, fingerprints, silicone stains, and other organic residues using solvents like isopropyl alcohol or acetone with a soft, clean cloth. Be sure to rinse the glass thoroughly afterwards.

SPECIAL CLEANING FOR COATED SURFACE

When routine or spot cleaning methods are insufficient to remove deposits left on the coated surface by a metallic object, alternative steps can be taken.

- Mix a solution of 1% hydrochloric acid and 99% clean water
- Soak a clean cloth in warm water and add a small amount of the cleaning solution.
- Alternatively, use a cotton bud to clean thin marks.
- Gently rub the cloth or cotton bud on the area that requires specialised cleaning.
- Afterward, wipe the area clean using a dry cloth.

UNCOATED SURFACE

Cleaning procedures recommended for ordinary glass are also suitable for the uncoated surface of low-e glass. Please refer to Bradnam's window and door maintenance recommendations.