



Glasslines™

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GLASSLINES CARE & MAINTENANCE ADVICE/GUIDE

Standard Float, Tint, Mirror, Laminate Glass Annealed & Toughened

Care & Cleaning:

This information is offered as a general guide only, and specific advice should always be sought from a reputable glazier, preferably who has installed your product or a professional window cleaner before undertaking any cleaning. This guidance does not preclude using other methods, materials, or equipment; however, the user should carefully evaluate and make suitable enquiries about the suitability of alternative methods, materials or equipment before using them.

Routine Cleaning:

Hand cleaning the glass surface to remove accumulated dust or fingerprints can be done using several glass cleaning products.

Recommended cleaning products are.

- Glasscorp Universal Glass & Mirror Cleaner GCGC / GC5 / GC20 / GC200 (glasscorp.co.nz)
- Or 10 parts clean water, 1 part white vinegar
- Or 9 parts clean water, 1 part Methylated Spirits
- Or other mild detergents or organic cleaners without sulphates

Do not use abrasive steel wool, scrapers, scouring liquids, aggressive solvents, thinners or products containing hydrofluoric acid, fluorine derivatives, abrasive elements, or highly acidic or alkaline content. These are likely to damage the Glass.

Hard to remove marks:

Removal of oily spots and other organic material with isopropyl alcohol or acetone applied with a soft, clean cloth. Please ensure that these products do not enter the glazing pocket. Rinse the Glass with clean water, then follow the regular cleaning process.

Procedure:

- While cleaning, ensure jewellery and watches are removed, and gloves should be worn to avoid scratching the surface of the Glass. Scratches from foreign objects could become permanent and will not be repairable.
- Flood the glass surface with the cleaning solution or a cloth saturated with the cleaning solution. Be generous with the amount of solution applied.
- Scrub the wet surface with a clean, lint-free towel or cloth.
- Wipe dry with a dry, clean, lint-free towel or cloth.
- To prevent streaking, stop wiping when the Glass is almost dry, and a uniform film is left on the glass surface.

What not to do:

- Do not clean the Glass when the Glass is hot or in direct sunlight.
- Do not allow cleaning solutions to contact the edges of Laminated Glass, Insulating Glass Units or Mirrors.
- Do not use Hydrofluoric or Phosphoric acid cleaners as they are corrosive to the glass surface.
- Abrasive cleaners, powder-based cleaners, scouring pads or other harsh materials should not be used to clean windows or other glass products.
- Do not store or place other material in contact with the Glass. (This can damage the Glass or create a heat trap, leading to thermal breakage).
- Avoid causing extreme temperature changes to the Glass as this may lead to thermal fracture of the Glass, i.e., do not splash hot water on cold Glass or freezing water on hot Glass.
- Some tapes or adhesives can stain or damage glass surfaces. Avoid using such materials unless they are known to be easily removed.





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Other considerations:

1. Blades or scrapers have been known to dislodge 'pickup' from the glass surface. They can also permanently damage the surface of the Glass while doing so. Soft cleaning cloths are only recommended on Glass to avoid dislodging pickup.
2. Due to the process of toughening Glass, it is possible that very fine glass particles may fuse onto the glass surface. Care must be taken not to dislodge and drag this over the surface, as it will cause scratching. The safety stamp can identify toughened Glass in one corner of the glass pane.

Professional Cleaners:

Professional cleaners have significant experience and access to specialised equipment, materials, and methods that the general public may not. Professional cleaners are acknowledged experts in the cleaning of Glass. Glasslines offers this information as general advice only. If desired, professional cleaners should consider the following information as part of developing their own cleaning processes and procedures.

Recommendations During Construction:

- Always follow the manufacturer's installation and cleaning instructions.
- It's recommended that Glass be protected from the risk of contamination caused by building materials and other exposure risks during construction; this will significantly simplify the glass cleaning task at the end of the project. If the Glass cannot be protected during construction, then the Glass and frames should be cleaned frequently to ensure no permanent damage occurs.
- Construction dust, leachate from concrete and rust from steel can contribute to the formation of mild chemical reactions; this may stain or otherwise damage the surface of Glass, voiding warranties.
- Glass should be cleaned using only cleaning materials that are free of grit and debris (to avoid scratching and marking of the glass surface).
- Only detergents and cleaning solutions recommended for cleaning glass should be used. Mild detergents or organic cleaners without sulphates are preferable.
- Temporary screens must be installed if welding, sandblasting, floor sanding, cuffing or other potentially damaging construction practices take place near the Glass.
- Glass installations that are adjacent to concrete (e.g. concrete slab floors) require extra care and cleaning due to the abrasive nature of concrete dust.
- All tradespeople should be advised to be aware of damaging Glass and windows and to leave in place any materials protecting the window or Glass during the construction period.

If damage occurs:

If Glass is damaged or broken on-site, ensure that experienced glaziers are engaged to rectify the situation. Glass can be a safety hazard if not handled properly.

About this advice/guide:

Information provided is issued as a guide only and should not be treated as a substitute for detailed technical advice. Glasslines NZ LTD disclaims any liability for loss or damage from using such data. To the best of our knowledge, the information provided is correct and accurate at the time of publication.

