



HINGES AND HARDWARE
(PTY) LTD
Aluminium Extrusion & Hardware Specialists

Johannesburg 011 748 2660
Nelspruit 013 752 7565
Pietermaritzburg 033 386 1422
Durban 031 303 3184
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www.doorhardware.co.za
P O Box 28518, Haymarket 3200
Reg No: 2005/009864/07 Vat No: 4140221898
18 April 2016

The care and maintenance of Architectural aluminium and hardware.

Congratulations on deciding to use aluminium for your windows and doors.

Aluminium that has been anodised (metallic looking) or powder coated in the colour of your choice, has a long and durable life and if the following simple steps are followed, you will get the maximum benefit from your investment.

Regular washing is the key to looking smart.

To maintain the good looks of your aluminium doors and windows give a good wash at regular intervals and not just the parts exposed to the weather. In fact looking after your windows is the same as looking after a new car – regular washing keeps your investment in smart resalable condition.

Cleaning Intervals:

Environment	Description	Cleaning Interval
Mild	More than 10km from beachfront	Every 3 months (min)
Moderate	5km to 10km from beachfront	Every month (min)
Marine	500m to 5km from beachfront	Once a week (min)
Severe Marine	Within 500m of beachfront	Every 3 Days (min)

Notes:

1. Beachfront refers to breaking surf air borne moisture
2. Fresh water lakes are not considered high risk areas
3. Heavy industrial areas can be considered marine environments
4. The recommended maintenance intervals provided here are for General guidance. Local environmental conditions may differ.

For washing it is recommended that you use a warm diluted solution of mild PH liquid hand wash or your favourite car wash detergent. Use a soft cloth and ensure after washing the aluminium is well rinsed off. Drying off with a chamois is recommended.



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General tips.

- Strong solvents or strong cleaner concentrates can cause damage to painted surfaces.
- Avoid abrasive cleaners (Handy Andy) on painted surfaces.
- Do not use paint removers, aggressive alkaline or acids to clean. If in doubt try a small non visible area to test.
- Never use Steel wool or abrasive brushes or pads.
- Over cleaning or excessive rubbing can do more harm than good.
- Avoid temperature extremes when cleaning.
- If atmospheric pollution has resulted in heavy soiling of the coating then nothing harsher than white spirits should be used.
- When painting the surrounds, please ensure the window / door frames are completely sealed with plastic and low tack adhesive tape to stop paint spotting.

Letter of Guarantee – Extrusion

This letter serves to confirm that we guarantee our extrusion for a period of 15 years under normal use and correct maintenance.

The warranty becomes invalid if:

- Any defects arise from, or damage is caused by unfair wear & tear, wilful damage, negligence, tampering, abnormal working conditions, unnatural weather conditions i.e.: tornados, floods etc. and failure to follow instructions (oral or written) or misuse.
- The end product has not been manufactured to industry norms and is inadequately sealed with neutral – oxime silicon.
- Nor any burs or raw faces that are exposed to the elements.
- Any defects arising from or damage caused during installations, alterations or repairs.
- Product not installed by a trained / qualified installer
- Regular cleaning and maintenance of the product as per our care instructions has not been carried out.



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Care of Stainless Steel Door & Window furniture.

Stainless steel Décor handles and lever handles.

The term Stainless Steel means exactly that - “stain less”, rather than - “no stain steel”.

The attractive and hygienic surface appearance of stainless steel products cannot be regarded as completely maintenance free. All grades and finishes of stainless steel in fact stain, discolour or attain an adhering layer of grime in normal service.

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4. The recommended maintenance intervals provided here are for General guidance. Local environmental conditions may differ.

Problem	Cleaning Agent	Comments
Routine cleaning all finishes.	Soap or mild detergent and water. (preferably warm)	Sponge, rinse with clean water, wipe dry if necessary. Follow polish lines.
Fingerprints - all finishes.	Soap and warm water or organic solvent (acetone, alcohol, methylated spirits)	Sponge, rinse with clean water, wipe dry if necessary. Follow polish lines.
Stubborn stains and discolouration	Mild cleaning solutions. Ensure any propriety cleaners state compatibility with stainless steel. Phosphoric acid cleaners may also be effective.	Use rag, sponge or fibre brush (soft nylon or natural bristle. An old toothbrush can be useful). Rinse well with clean water and wipe dry.
Lime deposits from hard water	Solution of one part vinegar to three parts water.	Soak in solution then brush to loosen. Rinse well with clean water.



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Problem	Cleaning Agent	Comments
Oil or grease marks.	Organic solvents (e.g. acetone, alcohol, methylated spirits, proprietary safety solvents). Baked-on grease can be softened beforehand with ammonia.	Clean after with soap and water, rinse with clean water and dry. Follow polish lines.
Rust and other corrosion products. Embedded or adhering free iron.	Very Light rust stains can be removed by 10% nitric acid.	Wear PPE as appropriate. Afterwards rinse well with clean water. Mix in acid proof container, and be very careful with the acid.
Scratches on polished (satin or brushed) finish.	Slight scratches - use impregnated nylon pads. Polish with polishing wheel dressed with iron-free abrasives for deeper scratches. Follow polish lines. Then clean with soap or detergent as for routine cleaning.	Do not use ordinary steel wool - iron particles can become embedded in stainless steel and cause further surface problems. Stainless steel and Scotchbrite scouring pads are satisfactory.

Care of Window furniture.

The handles and friction stays are the moving parts of the window and should get just as much care as the frames.

Cleaning intervals:

Please apply the same cleaning schedule as with the Stainless steel handles.

Problem	Cleaning agent	Comments
Routine cleaning - visible parts.	Mild soapy water. Preferably warm.	Wash down with clean water and dry off with soft cloth.
Maintenance - Friction stays 1.	NONE	Clean friction stay channels with an old tooth brush to clear dust and debris.
Maintenance - Friction stays 2.	NONE	Do not apply any lubricants to the slide of the friction stay as it will cause it to lose its resistance and fail to remain in the open position.
Maintenance - Window handles.	Mild soapy water. Preferably warm.	Ensure the nylon wedge on the handle remains dry and free of debris or it will scratch the aluminium over time.



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Care of Door furniture.

Cleaning intervals:

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Problem	Cleaning agent	Comments
Handles.	Mild soapy water. Preferably warm.	Wash down with clean water and dry off with soft cloth.
Hinges.	NONE	Our hinges require no lubricant.
Sticky Locks.	NONE	Apply a high viscosity oil to the latch and dead lock in the open position. Open and close to lubricate the latches.
Sticky Cylinders.	NONE	Use WD40 or similar lubricant or Graphite lock powder available from most lock smiths.

Care of Sliding & Sliding Folding Door furniture.

Cleaning intervals:

Please apply the same cleaning schedule as with the Stainless steel handles.

Problem	Cleaning agent	Comments
Sliding door wheels.	Mild soapy water. Preferably warm.	Ensure the track is clean and free of debris. A vacuum cleaner will remove dust the best.
Sliding door wheels.	NONE	Spray or apply a fine oil or silicone spray into wheel housing / bearings. Clear excess off track or will collect dust.
Sliding Folding wheels.	NONE	Spray or apply a fine oil or silicone spray into wheel housing / bearings. Clear excess off track or will collect dust.
Sliding Folding top guide.	NONE	Spray or apply a silicone liquid into top track to lubricate. Ensure no excess remains on aluminium as might stain. Beware of lubricant in your eyes.
Flush bolts.	NONE	Spray lightly a silicone spray into the mechanism and work a few times.

Care of Gaskets and Woolpile.

The gaskets used to seal the windows and doors are made either from PVC (Poly Vinyl Chloride) or TPE (Santoprene) in South Africa. And as these are synthetic in nature a light spray or application of silicone will increase the lifespan of the seal. Please follow the cleaning schedule guide above.

If the gaskets start pulling loose or failing to seal please contact your local window manufacturer to replace on site. Woolpile requires very little maintenance, a spray of silicon will ensure that contact with the aluminium will be smooth and prolong the the life of the woolpile.