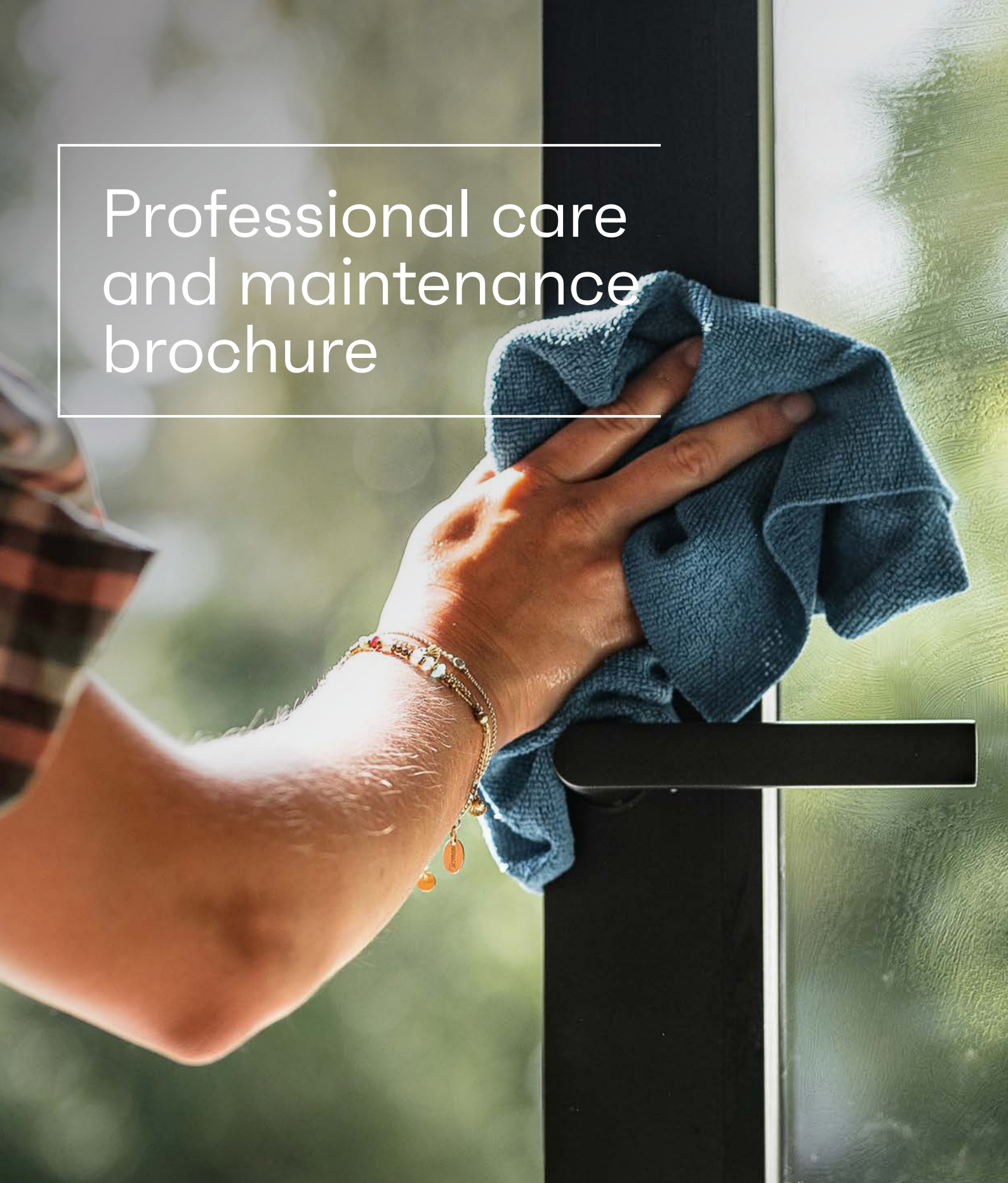


A close-up photograph of a person's hand cleaning a glass window. The hand is holding a blue microfiber cloth and is positioned over a black horizontal window handle. The background is a blurred view of green foliage outside the window. The lighting is bright, suggesting daylight.

Professional care and maintenance brochure



Reynaers
Aluminium

Windows.
Doors.
Curtain Walls.

Together for better

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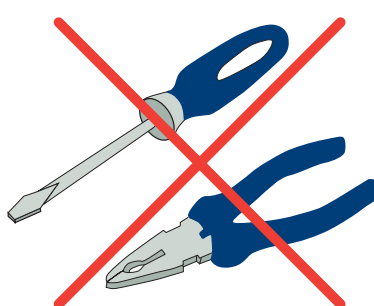
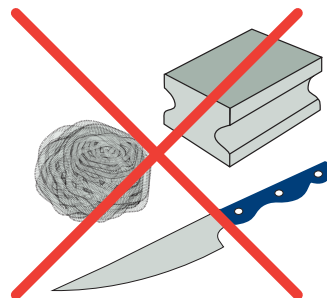
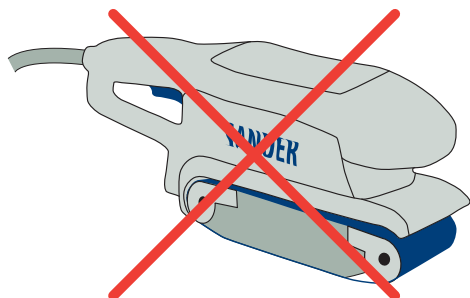
General instructions for cleaning and maintenance

Regular cleaning and maintenance of your window and door elements is of great importance to assure their correct functioning and their lifetime. The aluminium construction needs regular maintenance, using non-aggressive cleansing agents, like tepid water with a non-aggressive, pH-neutral (6-8), non-acetose detergent, not containing ammonia.

Hardware parts of the Reynaers Aluminium system should only be replaced by the original parts.

THE BELOW MATERIALS CAN NOT BE USED TO CLEAN YOUR WINDOWS AND DOORS:

- Hard materials such as knives, steel wool, metal scrapers, sandpaper, etc. These will damage the surface of your window -and door elements.
- Aggressive or corrosive cleaning agents should be avoided as they can inflict irreversible damage to the surface treatment of your window and door elements. Instead, use our dedicated range of Reynaers Aluminium care products. An overview of our care products can be found on page 10.



Maintenance interval

Regular supervision of the elements is of major importance. The timeframe interval between these check-ups depends on the installation situation and the amount of window or door movements.

Any possible irregularities in the operation (slowness, unusual sounds, ...) which might occur during maintenance must be reported immediately. Windows and sliding doors should undergo regular maintenance to prolong their service life and to ensure their functionality and the conservation of value.

Opening type	Use	Frequency	Max. Cycles
Doors	Limited use	Once every 6 months	50.000 cycles
	Normal use		50.000 cycles
	Intensive use (schools, hospitals, public buildings,...)	Once every 3 months	50.000 cycles
	Panic doors (EN 179/EN1125)	Once every month	50.000 cycles
Windows / Sliding systems		Once every 6 months	10.000 cycles

Frequency of maintenance for profiles and hardware in **non-corrosive atmospheres** and provided that the aluminium constructions are exposed to rain: twice a year. In all other cases: minimum 4 times a year.

Some **corrosive atmospheres** or other risk factors (e.g. limited rain) may however require even more frequent cleaning to be observed by the end-user.

Non-exhaustive list of examples of such corrosive atmospheres/risk factors:

- Near the coast (<10km) or close to estuaria or large rivers (<5km).
- Above water (condensation).
- Within industrial areas, in particular areas with heavy emission of chemicals, fluorides, gasses, and ore materials.
- Exposure to large traffic (motorways, railways, airports).
- Very aggressive atmospheres (e.g. swimming pools, water treatment industry, laboratories, pollution by animals etc.).

WARNING!

Special maintenance is required in case of fireproof doors. For detailed guidelines, we refer to the specific system catalogues of Reynaers Aluminium.

Overall maintenance

Maintenance of drainage slots

Clean the chamber between the moving and the fixed part every 6 months. If necessary, clear the drainage slots of any blockings.

Maintenance of rails in sliding and lift- and slide elements

Dirt and sand might collect in the bottom profile of your sliding/folding door. Clean the gutter(s) every month. If necessary, clear the drainage holes of any blockings. Remove the dirt, dust, grease and graphite annually from the rail with a cloth.

Maintenance of gaskets

Once a year, apply normal domestic talc to the gaskets (in EPDM) between the moving and the fixed part of the element, or apply liquid silicone (by means of a cloth), to avoid cracks and deposits.



Maintenance of hardware and accessories

Remove the dust, grease and graphite annually* from the following areas. Clean hardware exclusively with a soft cloth and mild, pH-neutral cleaning materials in diluted form.

- Window gearing.
- Friction hinges.
- Moving parts of the handles.
- Locks and cylinders, using a graphite pipette and graphite powder.
- Safety device Soft-Close/Soft-Stop for sliding element.

WARNING!

- **Avoid silicon lubricants**, rather use a dry cloth and fitting oil to protect the surface and prevent dust collection on the hardware parts.
- **Do not lubricate** the composite rods or door hinges.
- Never use aggressive acidiferous cleaning materials or scouring agents. These can cause damage to the hardware.

Maintenance of electrical components

The maintenance of motorised sliding system must take place on yearly basis, preferably before winter season. You find a dedicated file with the instructions for motorised sliding systems: “Maintenance check-list”, on the article website under article of motor (example: 062.7352).

WARNING!

- Maintenance and repair of the motor and /or lock may only be carried out by qualified staff.
- Motorised sliding windows must never be used as escape routes. There must always be another way of leaving the room. Motorised sliding windows must not be used as fire doors.
- Make sure children do not play with the control button and/or cannot access the remote control.
- The motor must be able to be disconnected from the power supply for maintenance or repair work.
- Make sure water never enters the motor housing, even during cleaning.



Cleaning and maintenance of windows

The following maintenance operations must be carried out on a regular basis:

- 1 Clean the mechanism and remove any traces of dirt. Use a soft cloth and mild, pH-neutral cleaning materials in diluted form.
- 2 Check all the components that are important for safety (hinges, extension arms). In particular, the hinges should be checked for damage and/or deformation due to violent impact.
- 3 Lubricate the moving parts and closure points as indicated in the diagram (use neutral lubricants). If necessary carry out adjustments to the mechanism and replace worn-out components to restore the correct functioning of the sash. This operation must be carried out by qualified service personnel.



A Locking point

B Hinges

Cleaning and maintenance of doors

Single & double doors



DOOR LOCKS

Safety-relevant hardware should be checked at least annually* for wear and tear and a continuous firm fit. Depending on the requirements, fixing screws have to be tightened. The damaged or worn parts should be exchanged by original parts by an authorized specialist.

All movable parts and locking parts have to be oiled and their working order should be checked. The cylinder can be maintained by using graphite powder.



DOOR HINGES

In general, hinges are maintenance free and don't need to be greased.

* The frequency depends on opening type and environment, please check specifications on page 3.

DOOR CLOSERS

Safety elements of door closers must be checked for wear regularly to ensure that they are fitted correctly and securely. Fixing screws must be tightened and any damaged components must be changed. The frequency depends on opening type and environment, please check specifications on page 3.



Furthermore, the following maintenance work must be performed at least once a year (depending on the type of hinged leaf doors and their applications).

- All moving parts on the link arm must be greased.
- The closer settings (e.g. closing speed) must be checked.
- Smooth operation of the door must be checked.
- In the case of door closers with special functions (hold-open devices / hold-open systems), the legal check, monitoring, and maintenance must be observed.
- Door closers and / or defective parts must be replaced immediately if their proper function is no longer guaranteed.

Only cleaning agents without corrosive and damaging components should be used.



Sliding Door

SLIDING ELEMENT

All safety aspects of the gear, more specifically the fixings of the (lock, lock keeps, hook keeps and door handles), should be checked regularly. All gear adjustments, especially of the keeps and roller assemblies, the replacement of parts and installation and removing of the sashes should be executed by a window expert. Maintenance should be carried out at suitable intervals (see page 3) relative to the amount of use and environmental conditions.

Follow these instructions:

- Check the operation of the components.
- Any dust and dirt must be removed from the components as this could affect the smooth operation of the system.
- Clean the mechanism and remove any traces of dirt, use a soft cloth and mild, pH-neutral cleaning materials in diluted form.
- After cleaning the hardware surface, treat it with silicone and corrosion free (i.e. nonacidic) oil.



LIFT & SLIDE ELEMENT

To ensure the smooth and trouble free operation, you must carry out the following maintenance instructions at least once a year:

- Lubricate or oil all locking parts.
- Use only clean and non-resinous grease or oil.
- After cleaning the hardware surface, treat it with silicone and corrosion free (i.e. non-acidic) oil.

WARNING!

The following work should only be performed by an authorized specialist:

- The replacement of fittings.
- The assembly / dismantling of sashes.



Care products

To ensure a lifelong and optimal functioning of your window and door elements, Reynaers provides a complete range of care products for aluminium profiles. Here is an overview of our care product range with a brief product description. Remember to carefully read the instructions on the product labels.

Clean & Care Wax

Shampoo for windows, doors and glass

Purpose

Ideal for maintaining the colour and quality of the lacquer preserve.

Frequency

Two times a year: in a rural environment with a lot of rain.

Four times a year: in an 'aggressive' environment such as urban areas, coastal areas, near railways - or for windows that are not in contact with rain.

Instructions

Spray the surface with water abundantly to remove any sand or loose dirt. Pour 60 to 80 ml of Clean & Care Wax into a bucket of lukewarm water and polish from bottom to top. Rinse with clean water and dry off with a chamois leather cloth. For an extra glossy result, you can polish afterwards with a dry cloth (such as the Reynaers Aluminium Wipe).

086.9234



Reynawash Ano

Cream cleaner for anodised aluminium surfaces

Purpose

Adds a new gloss to older profiles.

Frequency

Two times a year: in a rural environment with a lot of rain.

Four times a year: in an 'aggressive' environment such as urban areas, coastal areas, near railways - or for windows that are not in contact with rain.

Instructions

Spray the surface with water abundantly to remove any sand or loose dirt. Apply the Reynawash Ano cleaner on a lint-free, slightly damp cloth. Clean the surface by wiping vertically. Avoid rubbing in circles while cleaning. When you are done, wipe again with a wet cloth.

086.9213



Sponge & wipe

Sponge and microfibre cloth with unique quality

Purpose

Removes persistent stains on powder coated and anodised profiles and can be reused several times.

Frequency

During every cleaning session.

086.9236



ReynaStick

Stick for touch-ups

Purpose

Ideal for repairing damage to the powder coat of your profiles.

Frequency

As needed.

Instructions

Tap the area where you need a touch-up with the stick. Allow it to dry.

086.9600

Reynaers Aluminium Lubricant

Fine silicone spray for lubricating of hinges and rails

Purpose

Dry lubrication of locks, hinges, turn-and-tilt and sliding systems, rails and brush seals. Water-repellent protection and flawless feeding of porous materials.

Frequency

One time per year.

Instructions

Apply from a 30 cm distance on clean parts only.

086.9233.00



Reynaers Deep Clean

Cleaner for organic contamination

Purpose

Reynaers Aluminium Deepclean removes organic dirt such as insects, grease, grime or light resins in an instant. This product is suitable for cleaning large surface areas, when cleaning for the first time, or after an extended period without cleaning.

Frequency

First-time cleaning or after a extended period without cleaning.

Instructions

Spray the surface with Deep Clean and let it soak in - the duration depends on the level of contamination. Then wipe everything with a clean cloth, no need for rinsing.

086.9238



Reynaers Aluminium Renewer

Cleaner and renewer for restoration of the surface treatment

Purpose

Restores the original intensity of the surface treatment. Protects immediately against UV weathering and nourishes the powder coated and anodised surfaces of profiles.

Frequency

One to two times a year.

Instructions

Apply the renewer with a soft, clean and dry sponge (such as Reynaers Aluminium Sponge). Remove excess product with a clean, soft cloth (such as Reynaers Aluminium Wipe).

086.9235.00



Reyna Multi Foam

Cleaner for organic contamination

Purpose

Removes organic dirt such as insects, grease, grime or light resins in an instant. Suitable for cleaning large surface areas, when cleaning for the first time, or after an extended period without cleaning.

Frequency

First-time cleaning or after a extended period without cleaning.

Instructions

Spray the surface with Reyna Multi Foam and let it soak in - the duration depends on the level of contamination. Then wipe everything with a clean cloth.

086.9230



Reynaers Safety Clean

Degreaser for during production

Purpose

Removes anorganic contamination such as glue residue, sealant, resin, oil, grease, wax, tar, etc...

Frequency

As needed.

Instructions

Spray the surface and let it soak in. Then wipe everything with a clean cloth.

086.9238.00

Operation of windows, doors and sliding systems

Discover how to correctly open, close and lock your
Reynaers Aluminium systems on our website.



ABOUT REYNAERS ALUMINIUM

“Our goal is to increase the value of buildings and to enhance the living and working environment of people worldwide.”

As a part of the Reynaers Group, Reynaers Aluminium is a leading specialist in the development, distribution and commercialization of innovative and sustainable aluminium architectural solutions. These include a wide variety of window and door systems, curtain walls, sliding systems, and conservatories. Besides the extensive range of standard solutions, we also develop customized solutions, tailored to the individual customer or project.

Reynaers Aluminium has been founded in 1965, and is currently employing over 2600 workers in more than 40 countries worldwide and exporting to more than 70 countries on 5 continents. Reynaers Group achieved an annual turnover of 756 million euros in 2022.

The company's success is strengthened by our close partnership with 5,000 partner fabricators, architects, and project developers worldwide. This unique cooperation reflects in our motto: Together for better.

At the Reynaers Campus, we focus on sharing knowledge and experience with architects, fabricators, contractors and other building partners while inspiring with new technologies. Next to the Technology, Training and Automation Centre, the Reynaers Campus also has its own Experience Centre where future buildings can be explored in our virtual reality room Avalon.

For more information: www.reynaers.com



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