



**SHUTTER CLEANING & MAINTENANCE**

**SHUTTER CLEANING & MAINTENANCE [INTERNAL SHUTTER SYSTEMS]  
SYSTEMS - POLYRESIN | HARDWOOD PAINTED & STAINED | LITEWOOD | INTERNAL ALUMINIUM SHUTTERS**

Like all quality products, appropriate cleaning and maintenance is highly recommended.

- Open the louvres with the middle louvre or tilt rod.
- A damp cloth is all that is required to remove dust film and dirty marks.
- For stubborn marks, we recommend a lead pencil eraser.
- Do not use solvent based cleaners. Water and a soft cloth is sufficient for cleaning these shutters.
- When closing the shutter panel into the window, gently push the panel until it connects with the magnetic or striker plates on the frame.

<b>COASTAL CLEANING SCHEDULE</b>		
For shutters installed in premises close to coastal or salt-water environments, the following cleaning time frames are recommended. We recommend stainless steel hardware for shutters installed in high and extreme coastal regions.		
Low	20 km radius	Every 6 months
Moderate	10 km radius	Every 3 months
High	1 km radius	Every 3 weeks
Extreme	500 m radius	Every week

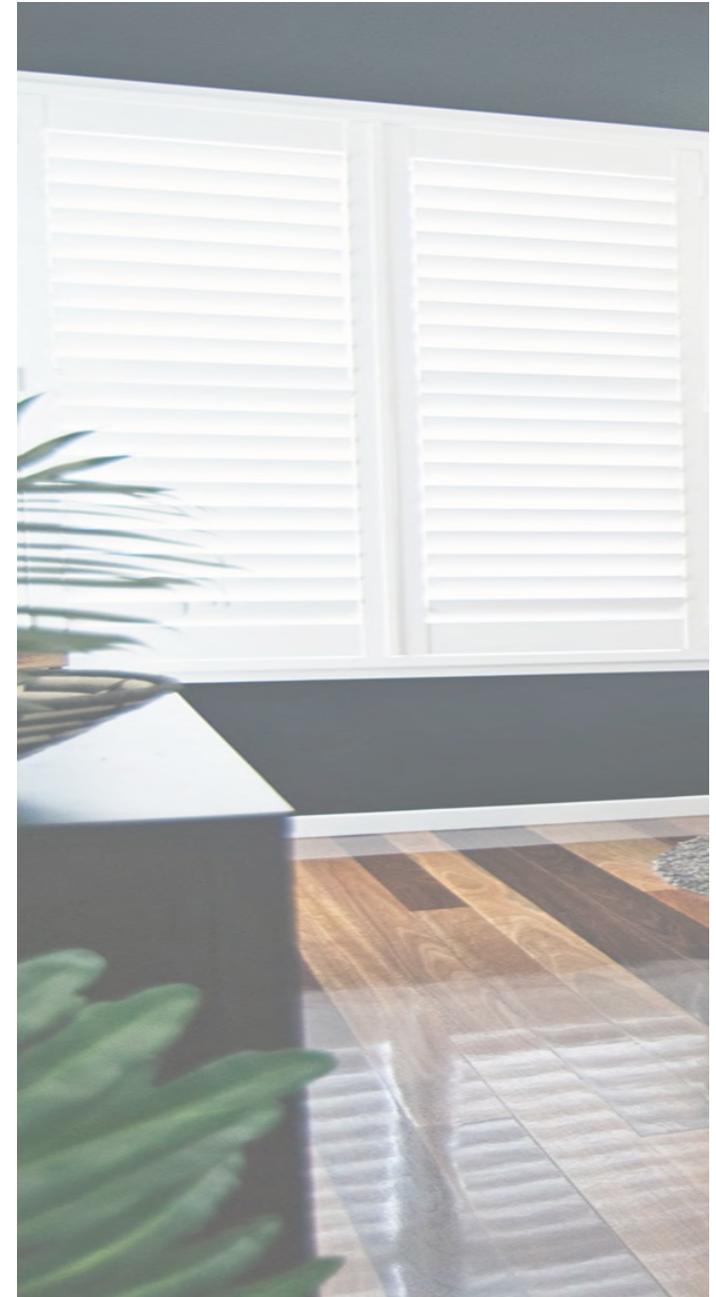
**TENSIONING**

If required, you can tension the drive blade.

Remove the sticker located on the side of the panel.

Place a Phillips head screwdriver into the hole and gently turn clockwise until you feel the blade has enough tension so that the blades stay in their position.

However, be very careful not to over tension the drive blade as this is not covered under warranty.



## SHUTTER CLEANING & MAINTENANCE

### SYSTEMS - EXTERNAL ALUMINIUM SHUTTERS

As a rule, stainless steel hardware and fittings are used to resist rust and corrosion, particularly in coastal areas. However, as for all quality products, maintaining a cleaning schedule is essential for maximum resistance to corrosion.

- Wipe over the shutters using a non-abrasive cloth or sponge with
- warm soapy water. A garden hose can be used applying the same principles.
- Concentrate on the areas where the stainless steel hardware is attached to the shutter.
- Remove any salt residue, tannin stains caused by trees and any other marks created.
- On completion of the cleaning process, spray a light film of silicone lubricant to any operational hardware such as the tracking system. Ensure these areas are fully dry prior to this application.
- Unless in a coastal area, we recommend cleaning your aluminium shutters on a routine basis every six months.

#### COASTAL CLEANING SCHEDULE

For shutters installed in premises close to coastal or salt-water environments, the following cleaning time frames are recommended.

Low	20 km radius	Every 6 months
Moderate	10 km radius	Every 3 months
High	1 km radius	Every 3 weeks
Extreme	500 m radius	Every week

#### TENSIONING

If required, you can tension the drive blade.

Place a Phillips head screwdriver on the screw that attaches the control rod to the blade and tighten half a turn.

Do this on a couple of blades, not all blades. Continue until desired tension is achieved.

However, be very careful not to over tension the drive blade as this is not covered under warranty.



## WARRANTY LIMITS FOR CORROSION

**Corrosivity Categories** as specified in the Australian Standard AS 4312 - 2008 has been used to calculate our warranty limits.

Class	Corrosivity	Distance from Shore	Coastal Warranty
C5	Very High	0 - 100m	12 month warranty
C4	High	0 - 100m 100m - 1km	12 month warranty
C3	Medium	100m - 1km 1 km - 50km	5 years warranty
C2	Low	50km and beyond - Non heated or air conditioned building	5 year warranty
C1	Very Low	Continually heated or air conditioned building	5 year warranty



**Note:** The above information outlines corrosive zone classes - C1, C2, C3, C4, C5. As specified in the Australian Standard AS 4312 - 2008