

Operating & Maintenance R-Lock

Company: Pure Vista Ltd
Address: Pendewey
Stoney Lane
Bodmin
Cornwall
PL31 2QX

Telephone: 01208 261040
Fax: 01208 261041
Email: sales@pure-vista.com
Website: <http://pure-vista.com>

Product: R-Lock Glass Balustrade
Materials: Aluminium channel anodised to min. 20µm (AA25)
Aluminium top Bead anodised to min. 20µm (AA25)
Aluminium side cladding anodised to min. 20µm (AA25)
Plastic rigid adjustment bead
Plastic 'resin pod'
Plastic wedge holder
Plastic wedge
Rubber Gasket

Description: Adjustable glass balustrade railing channel (3000mm / 6000mm)
Usage Internal/external using the correct glass types & specification to meet the required building standards.
Meets Local Building Regulations:
BS 6180:2011 (United Kingdom)

Safety: When installing glass balustrade high safety requirements must be met to meet the correct criteria, these are only possible when changing some of the system specifications i.e. glass type and thickness, handrail requirement. Reference must be made to the local building Standards to meet these criteria. Please contact your local building control office or us for assistance on what the criteria is.

When handling glass it is important to carry out an onsite inspection prior to handling.
Always wear eye protection, gloves and safety footwear.

Maintenance: External aluminium profiles must be cleaned a minimum of once a year in clean internal environments, every 6-months in clean external environments and in coastal/industrial areas at least once every 3 months. Warm soapy water or a car shampoo can be used with a soft sponge or cloth.
Detailed cleaning guide below.
The system should be checked on a regular basis to make sure everything is rigid within the system and there are no signs of corrosion or impact and that the glass is held properly.
In the unlikely event that the glass is impacted it may cause the internal fixings to move. The glass panel will need to be checked it's still firmly held by the internal parts. Should the panel not be correctly held and the glass is showing signs it can easily wobble within the base channel the clamp bolts must be re-tightened. The clamp bolts are visible by removing the top beads or side cladding, an angled 10mm spanner will be required to tighten the bolts and align the glass. Once positioned the bolts are tightened firmly into the channel and thread locker used on the threads of the bolts.

Replacement: In the unlikely event a glass pane is broken a replacement must be sourced. The area must be cordoned off to not allow the public near the damaged panel. The replacement glass must match the original or matching to meet required specification to the installed location. For overhead glazing we strongly recommend heat soaked glass.
Removal of glass:- It is possible to remove the glass all by the safe inside balcony. The R-Lock Wedge Breaker Tool (part no. RLA-050) is required. Firstly remove the internal gasket from one of the cut ends by pulling it out of the channel rebate. This will expose the internals of the glass holding system. Locate the wedges on the glass panel which needs replacing. Using the Wedge Breaker Tool locate the tool into the wedge, there is a tracking line on the tool for correct positioning. Using a hammer knock the tool into the gap of the wedges. This splits the wedge holders into 2 and frees out the wedge, remove the loose parts from within the channel. Push and pull the glass if needed to free any over spilled resin. The glass can now be lifted out of the channel. Clean the inside of the channel and remove and used parts.
A replacement glass fitting kit will be required. Follow the installation guide for replacing the glass panel.

We strongly advise the use of glass safety equipment such as protective gloves, glasses and glass lifting suckers when possible.

If any additional assistance or questions arise, please contact us.

Cleaning:

The balustrade system requires regular cleaning to prevent corrosion and risk of decolourisation. Aluminium profiles have been anodised to a high level to protect from corrosion however, additional cleaning will ensure the longevity of the installation.

Regular cleaning of the profiles must be carried out at various stages depending on the installation location.

Below are the minimum cleaning intervals

Domestic Internal more than 2KM from coast – Once every 6-months

Domestic Internal less than 2KM from coast – Once every 3-months

Domestic External more than 2KM from coast – Once every 3-months

Domestic External less than 2KM from coast – Once every month

Commercial Internal more than 2KM from the coast – Once every 6-months

Commercial Internal less than 2KM from the coast – Once every 3-months

Commercial External more than 2KM from the coast – Once every 3-months

Commercial External less than 2KM from the coast – Once every month

For the regular cleaning warm soapy water or a mild detergent with a neutral pH level (between 6-8) must be used. A non-abrasive soft cloth or sponge must be used.

The below does not apply to powder coated items

Profiles not cleaned for long periods of time, heavily soiled or have been accidentally marked (such as from footwear) may require a slightly more aggressive cleaning practise.

The following solvents can be used with care: kerosene, acetone, turpentine or white spirit. Once the mark has been cleaned away wash down with water or mild detergent.

A polish or wax can be applied such as a bee's wax polish which will give a protective coat to the anodised finish.

Chlorine products should not be used under and circumstances as this will cause corrosion and discolouration.

Abrasive pads/cloths or scrapers must not be used.