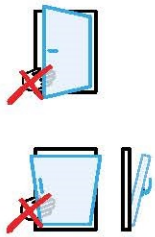
Polytech Products Ltd.

Safety and warning informations

Safety information

The following symbols illustrate the risks presented by all **windows**

⚠ DANGER



Crush hazard

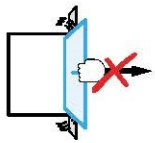
- If Window sash is not secure you are at risk of sash swinging in and causing damage
- Keep body parts clear of moving parts.
- Keep children and people who cannot appreciate the risks involved, away from danger zones.

⚠ DANGER

Fall hazard

- Death or serious injury will result from falling through opened windows
- Do not lean forward or lean out when near open windows
- Do not leave children and people who cannot appreciate the risks involved un attended near open windows

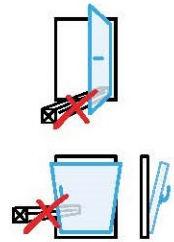
⚠ DANGER



Break hazard

- Do not press the sash against the reveal, the result will be broken hinges or broken sash if wind blows in sash

⚠ DANGER



Break hazard

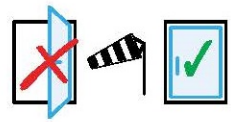
- Never put any obstacles between sash and frame.
- Objects stuck between the sash and the frame cause damage to the frame, the hardware and the sash.
- only use approved restrictors / methods to secure sash movement

⚠ DANGER

Break hazard

- Destroyed hardware,frame materials or other compoments of windows cause sash to fall out of its frame.
- Do not attach heavy objects directly to the sash -this could result in the sash falling in
- do not turn the handle quickly - allow the locks to connect -as this could cause saftey to not engage

⚠ WARNING



Wind Hazard

- Severe injuries or death are caused by windswept windows
- Close window if you are experiencing extreme high winds
- Avoid opening the window and keep all sash closed and locked when winds and storms are forecasted.

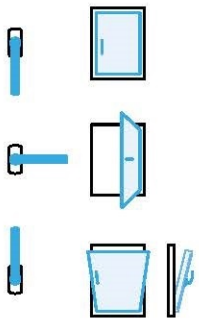
Polytech

Operating instructions

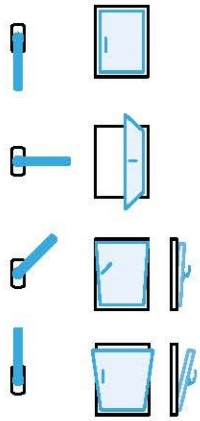
Illustrative symbols

The following icons indicate the different possible handle positions and the resulting sash positions of the window sashes (proper function).

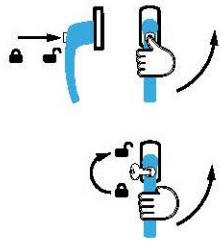
Tilt & turn hardware

Lever / sash position	Meaning
	Locked Position-handle is point to the floor your window is now locked in place to the multi-locking system on all sides of the window for weather tightness
	Turn Position: your window is now open in the turn position to allow for cleaning from inside or fire escape for egress (example bedrm windows-quick access in case of fire)
	Tilt Position-Max air ventilation

Tilt & turn hardware with night-vent

Lever / sash position	Meaning
	Locked Position-handle is point to the floor your window is now locked in place to the multi-locking system on all sides of the window for weather tightness
	Turn Position: your window is now open in the turn position to allow for cleaning from inside or fire escape for egress (example bedrm windows-quick access in case of fire)
	Min Ventilation:-for night air flow-or to allow for low flow into the home
	Tilt Position-Max air ventilation

Window handles with locking button or key locking

	Press and Hold the button in to tilt or turn window (child saftey)
	Key handles give you the option of locking the window from the turn position and only opening the window in the tilt position--to turn in the window in for cleaning insert key to open window

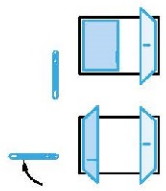
NOTICE

Restrictors-for windows are available if required to apply tension on the sash to hold it in place in certain positions

You can discuss options available with your sales rep

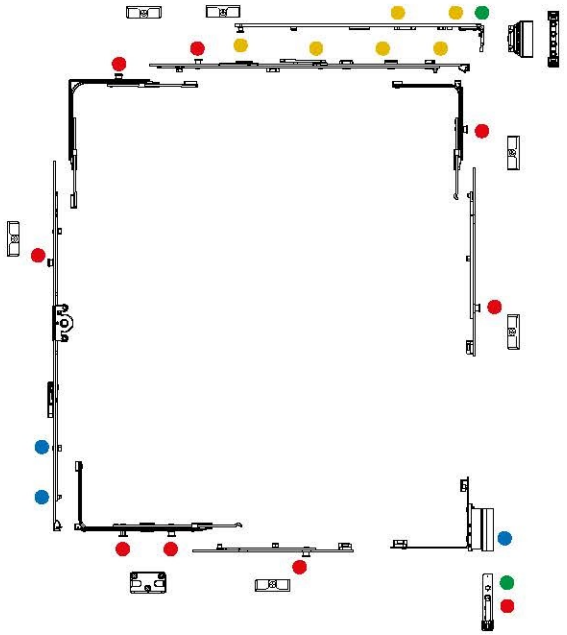
Polytech No Post windows and doors

Instructions for using No Post 2 sash windows
Locking and unlocking is done using a levered on the 2nd sash--The first sash must be unlocked and and opened with the handle allowing access to the levered handle on the turn only side

Lever / sash position	Meaning
	Levered handle on turn only side pointing down it is locked
	Levered handle sideways pulling upwards to release it from the locking points

Recommended

Lubrication points



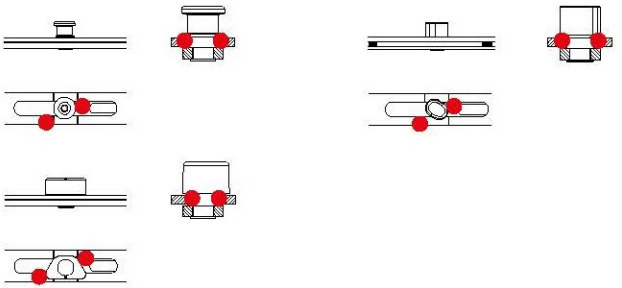
› The image shown is symbolic. The location and number of lubrication points depends on the actual size and design of the window!

› White Lithium Grease:
White lithium grease is thick and heavy-duty, making it suitable for heavy or stiff windows.
It provides long-term lubrication and rust protection.

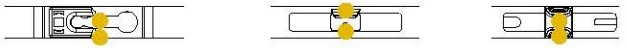
› The fitting must be operated several times subsequent to lubrication in order to properly distribute the lubricant.

Key to lubrication points

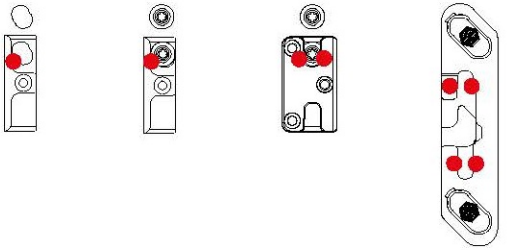
● i.S. cams or locking cams:



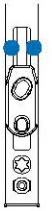
● Anti-slam device for scissor stay or scissor stay restrictor, lateral guide, centre guide:



● Striker plates, security striker plates and striker plates for secured ventilation: (optional):

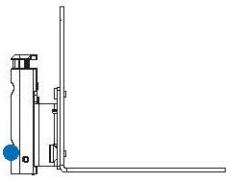


● Tilt lock bolts: (optional)



Bullet catch:

Rebated corner support

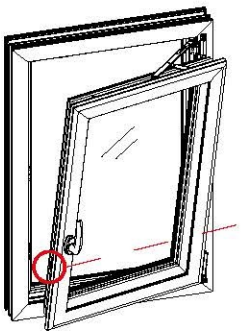


NOTICE

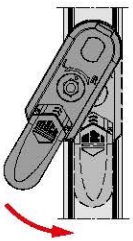
Saftey not engaged

When your sash allows turning and tilting motion at the same time

Faulty position:



Note on rectifying faulty positions:



Mishandling device

Should this occur for some reason on your window:
1. Press the saftey device close to the handle in the middle and hold (as in diagram above) vertically
2. Press the sash into the frame on the hinge side, then shift the handle into the tilted position.
3. Press the sash fully into the frame and turn the handle to the closed position (handle pointing down) this should secure the saftey is position back to its correct position.

NOTICE

Hardware Maintence

Intervals for surface maintenance and cleaning:
The position, weathering and external environmental impacts are key factors when it comes to the frequency of cleaning and maintenance. Therefore, fixed intervals cannot be specified and must be determined on an individual basis. In general, it should be noted that careful maintenance and rapid correction of minor damage can considerably extend the service life.

Maintenance information for hardware components:
To maintain the surface quality of the hardware components for the intended use in the long-term and to avoid deterioration, note the following points:

- **Protection against corrosion:**
  - Ventilate the hardware and or the rebate areas so that they are not exposed to direct moisture or condensation (important during the construction phase!).
  - Clean the hardware with a moist cloth, avoid permanent wetness!
- **Protection against soiling:**
  - In general, keep the hardware free from deposits (e.g. salt in coastal areas) and contamination. Immediately remove soiling during construction caused by plaster, mortar or similar with water.
  - Protect hardware and striker plates from contamination (dust, dirt, paint, etc.).

⚠ WARNING

In the event of obvious or visible damage or improper function, the window or casement door must no longer be operated and must be repaired right away by a certified specialist before any further use!

The window handle needs to be operated at least once per month in order to maintain smooth operation of the internal fitting.