

Window and Door Hardware options

The hardware used in windows and doors is an important influence in the overall performance and design of the individual units. SwissShade + Security windows and doors use the most up to date modern innovative hardware including:

Hahn hinges

Sigenia Aubi multi-point locking mechanism

Hoppe handles

Winkhaus lock cylinders

These elements along with our frames made of a variety of materials combine to make high performance window and doors. Variations in the type of locking mechanism make different levels of security available.

Multi-point door locking mechanism:



Multi-point window cam locking mechanism goes around the perimeter of the frame



Operated with handle, key:

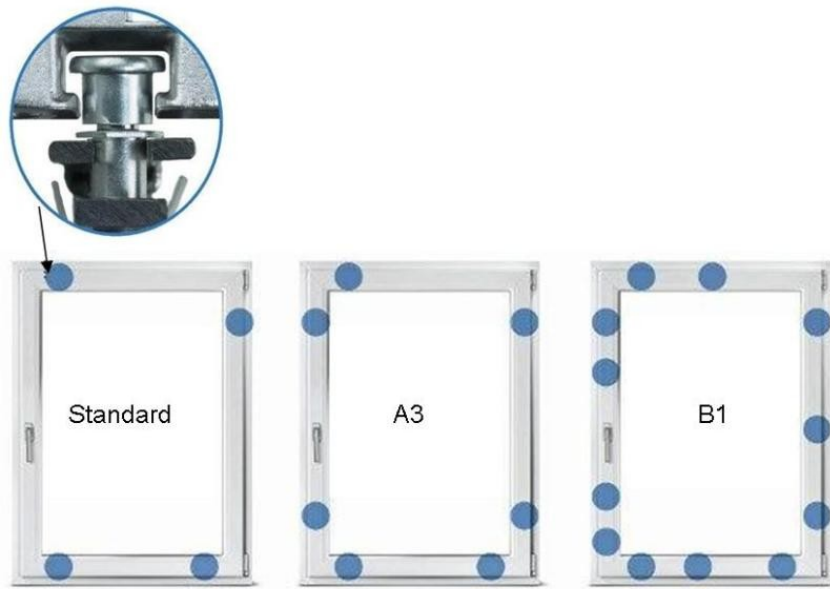


Cam lock receiver



Window Multi-Point Locking Mechanism

The multi-point locking used in our tilt & turn windows uses cam locks around the sash of the window with corresponding receivers around the frame. The number of locks determines the security level. They are rated WK2-RC2 and WK3-RC3. Our A3 level security window is rated WK2-RC2. Our B1 level window is rated WK3-RC3.



Multi-Point Door Locks

Our entrance doors have a standard deadbolt and additional locks on the top and bottom of the lock stile. There are variety of combinations all of which offer additional security. While the standard deadbolt can be either kicked in or pried open by a would be intruder, these multi-point locks would require more intense tools and time to be compromised.

The locks can operated by key, or motorized to be wired into a home automation system. Motorized locks can be opened with a code reader, fingerprint reader or smart device.



Alternatively you can open the locking mechanism with the turn of the handle from the interior. Interior opening can also be keyed or operated with a tumbler.



Hoppe Window Handles

The following are examples of window handle designs available in aluminum and stainless steel. Handles are also available in plastic and brass for more options visit Hoppe.com

Acapulco



Amsterdam



Athina



Austin



Atlanta



Bonn



Brugge



Brest



Brisbane



Cardiff



Genova



Las Vegas



Los Angeles



Monte Carlo



Vitoria



These are some examples of designs available.

Door Handles

The following are examples of different styles of door handles available from Hoppe. Also available in UPVC and brass. For more examples and information visit Hoppe.com

London



Frankfurt



Paris



Las Vegas



Luxembourg



Tokyo



The Inoutic Eforte window and door system uses exclusively **Tilt & Turn** opening mechanism: a 90 degree turn of the handle opens the window like a casement, for easy egress/regress and also for easy cleaning. Another 90 degree turn of the handle will tilt the window inside on top. This allows for ventilation while still providing security and also keeping the rain out.

Closed position



Open position



Tilt position for ventilation



Typical installation of a tilt & turn window into wood framing

