

SWD

Superior Windows & Doors

Call now for Your free estimate!
(847) 778-8487
www.swdimports.com



- RESIDENTIAL
- COMMERCIAL
- INSTITUTIONAL

Manufacturing highly energy efficient tilt & turn windows and doors



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About us...

While vacationing in Europe, the owner of SWD first saw and operated the European style window. The first thing he said was **“Why don't we have windows with quality like this in the USA? Why are Americans stuck with cranking windows to open or close or struggling to pull them up and down?”**

He investigated the cost of bringing these windows into the U.S. for installation into his own home. While he was getting familiar with this product, he discovered many properties, that US windows don't have. Such as:

- Easy single hand Tilt & Turn operation
- High security because of 8-point locking mechanisms
- Durability of material and strength due to structural steel inside of the frame
- Easy maintenance and many color options
- Flexibility of window designs
- Great overall performance and cost efficiency

It became clear that it was more affordable to bring these better windows in rather than purchase the usual window available to the U.S. market.

The mission then became to spread the word and product to other Americans who are tired of the same low quality and expensive windows being peddled by U.S. window manufacturers as the best.





Tilt & Turn



Window in turn action state.
Handle turns 90° to open the window
in the turn state.



Window in tilt action state.
Handle turns 180° to open the
window in the tilt state.

Easy and fast single hand operation

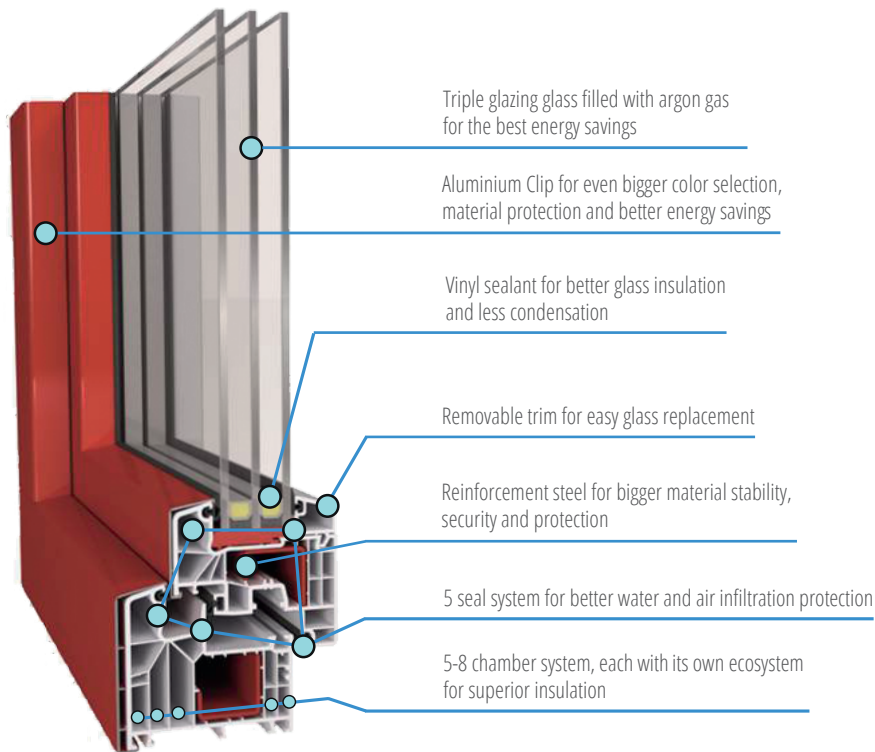
Our hardware allows user to easily switch from closed to fully open position or select from multiple levels of ventilation with just a single hand.

Ever forget to close your windows when you left your home?

Unlike double hung or casement windows our system doesn't allow the window to be opened from the outside even when left in ventilation position. In order to change the position, the window has to be closed entirely from the inside and the handle has to be turned to desired position.



Our products top features



German Quality

Like many other German products such as automobiles, power tools, medical equipment and heavy machinery, where **quality** is the highest on the priority list. The window industry has gone through many innovations in the past 60 years. One of them being German company Trocal's introduction of the first series of vinyl windows into the marketplace.

Trocal's developments have been setting standards for the market and have been raising the bar for the competitors. High-tech manufacturing facilities, production lines and an engineering department with a never-ending battle for a better product is a reason for Trocal being one of the top manufacturers of window profiles.

Earth Friendly

Our system has high insulating properties, which save energy and reduce CO2 emissions. It is partially made out of recycled materials and the entire system is 100% recyclable.

Product Options

With our vast array of colors, grills and glazing you can customize your windows and doors to suit your individual style and needs.

Energy Savings

All of our product lines provide you with superior energy efficiency and up to 40% saving on heat and cooling utility bills.

Easy Maintenance

Even after years of use mild detergents and water are completely adequate for cleaning the frames and sashes of TROCAL profiles, eliminating the need for expensive and time consuming coats of paint.

High Security

Our steel reinforced frame and multiple locking point system provides high security level unmatched by any available standard product.

Product for Lifetime

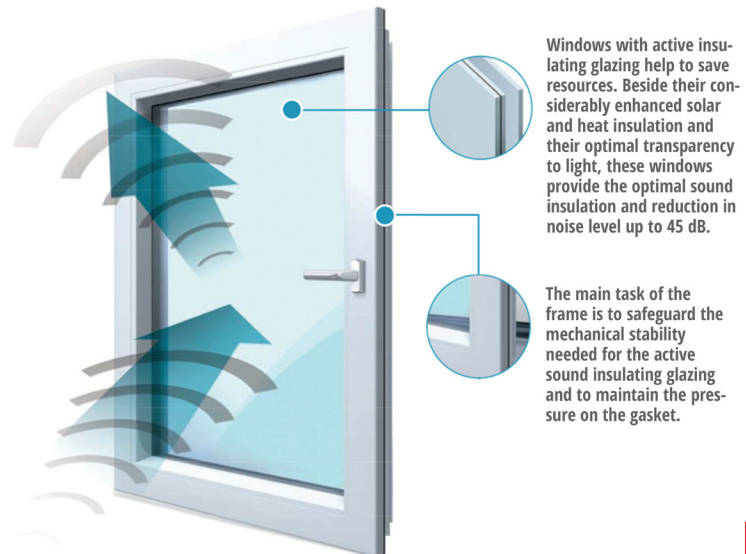
A constantly changing climate and regular air pollution can have an effect on window's material or function; therefore, TROCAL PVC windows are designed for maximum durability and long life.

Custom Solution

Whether a standard opening or complex configuration, our product will meet your needs with no extra cost.

Noise Reduction

Multiple point locking mechanism combined with several seals, gaskets and active sound insulating glazing provides for superior sound reduction up to STC48.





Cost efficient

Compared to nationwide window and door manufacturers, our products average 10-20% of savings while maintaining superior quality.



Feature	SWD
Custom shapes	YES
Interior color option	44
Exterior color option	44
Grille color options	24
Steel reinforcement	YES
Glass option	35
French door availability in vinyl	YES
Security (# of locking points)	8
Glass sealer	Vinyl

5





Frame profiles

The solution for all architectural styles features an offset arrangement of frame and sash and an attractively lean visible sight line to provide great potential for elaborate facade designs. Yet its convincing advantages are not only visual.

WEATHER SEAL

This system features two seal levels. An internal and external permanently elastic weather seal provides the perfect protection between the sash and the window frame. Further advantage: the window's rebate is very easy to clean.

M5/MD76

The invisible center seal highlights the soft and slender contours of the window profile. All hardware, lies behind the center gasket in the frame, protected against the weather. The greater the wind pressure, the greater the window's weather tightness.

CENTER SEAL

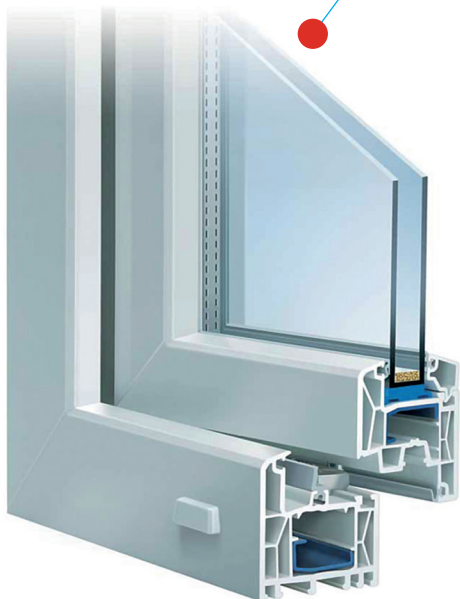
The seal at the center of the frame section is designed to create a pressure equalized rain screen design to give you the highest performance when it comes to resisting wind, water, cold and noise intrusions. The invisible seal is designed to increase the window's sealing properties with greater wind pressure. It supports the gentle contours of the window, is welded at all four corners and is located in front of all hardware for ideal protection against corrosion.

THERMAL INSULATION

The 76mm deep profiles will meet the requirements of even the most stringent energy world wide. Combine standards economy and ecology, it pays off short and longterm.

FIVE CHAMBERS

The unique, honeycombed profile chambers enhance the window's inherent structural stability, while counteracting torsion.





Doors

Perfection in every detail

You will experience the high quality of our residential doors in your daily routine. The particularly deep lock offset ("backset") of max 2 1/64" ensures the greatest level of comfort and ergonomics for every opening cycle.

- Best thermal insulation values, thanks to the six chamber thermo center seal system
- Barrier free building with enhanced sound insulation.
- Superior stability in the form of perfectly designed reinforcement profiles
- Protection against forced entry can be configured to individual wishes and needs
- Unlimited design potential

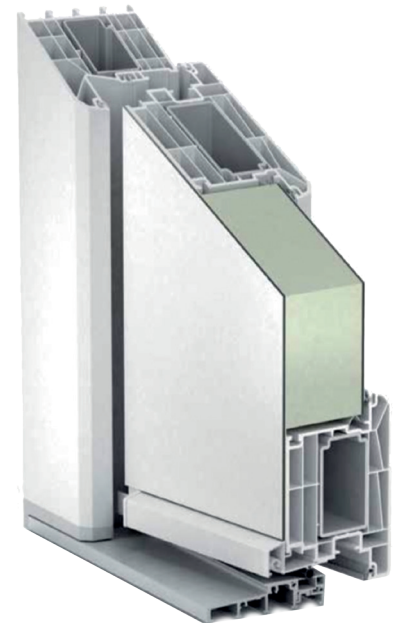


Intersash door paneling

Design and stability in a new dimension

Following latest trend of modern residential door paneling an innovative solution for attaching intersash door panelling has developed. It can be combined with the extensive paneling range for a multifaceted range of design variants.

- Superior thermal insulation up to values of passive houses
- Perfected look on the inside as well - without glazing beads
- Any position for push handles and glass panelling
- Aluminium weather bar for tightness against driving rain
- High strength from all around bonding





Patio vs Entry door

Patio door:

- 8 to 10 locking points
- Tilt and turn action
- Without keyed entry from exterior
- Continuous frame to be stepped over
- Full glass

Entry door:

- 3 to 5 locking points
- Turn action only
- Keyed entry from exterior
- Bottom threshold
- Full glass or entry door panels



VS





Entry door panels

Our large variety of door panel styles and decorative glass will allow you to play with your imagination. All of the panels are filled with high density foam with high R-value. The skin of the panel is made out of PVC-U material ensuring long life with no maintenance and many colors and finishes to chose from.



Type LA



Type AZ



Type DO



Type OP



Type SM



Type NE



Type AC



Type AM



Type DO



Type DI



Type PL



Type OH



Type SA



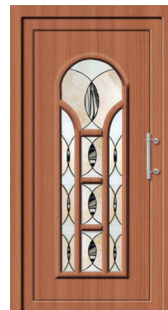
Type ST



Type LO



Type NI



Type BE



Type CI



Type KA



Type MO



Type SZ





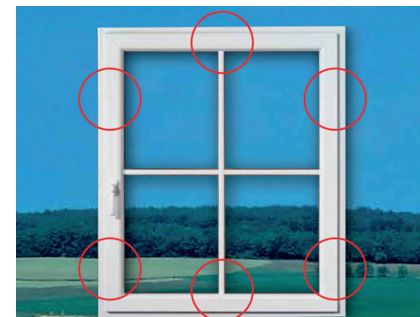
Standard vs Hidden hardware

- **Standard hardware** hinges are exposed and have to have cover caps
- Allows the window to be opened up to 180 degrees
- Easy to operate



Hidden hardware increases burglar resistant security in the hinge area

- Prevents thermal bridges
- Perfect impermeability
- No cover caps necessary
- Lateral adjustment of stay hinges and pivot posts without loosening screws
- Three-dimensional adjustments of the pivot post
- Integrated adjustment of the opening angle (90° or 95°)





Hardware options

Standard



Atlanta Steel



Atlanta White



Atlanta Bronze



Atlanta Alu



Atlanta Brown

Any of standard colors
are available in lockable
version



lockable Atlanta White

Custom



alt Wien pw 3000



apollo P110



aria P 710 RO



kale HR RO



laguna P3011 RO



loft VL36011 RO



bravo P941 RO



vision RO



carla HR RO



eidos Q03 HR RO



monica P120 RO



nicol P401



pinax RO



fix P730 RO



flow P700 RO



vision VL36016



gulf VL36028 RO



raffaella P120



street P280 RO



tuke Q02 HR RO



twin P4311 RO



ufo VL36006 RO



viola P100 RO



Play with colors

Windows are a crucial design element in the facade of a building and mould the style of the rooms inside windows do not always have to be white. Accordingly it is a particular challenge to attach equally great importance to both the technical functionality and the aesthetic aspects. **Our array of 44 colors** provides virtually unlimited design potential so you can satisfy your own personal claims of individuality.

Wood grains

Embossed surface:



Mountain oak (BG)



Streaked douglas (SD)



Dark oak (EG)



Mountain pine (BF)



Dark oak ST (ED)



Oregon 4 (OR)



Dark oak FT-F1 (ME)



Macore (MC)



Oak rustique (ER)



Black cherry (BC)



Bog oak (EM)



Cherry blossom (CB)



Sapeli (M4)



Rustic cherry (RC)



Golden oak (GO)



Irish oak (IO)



Walnut (NB)



Siena PR (SC)

Metallic colors

Brushed surface:



Metbrush Silver (AR)



Metbrush Platinum (MP)



Metbrush Quartz grey (MQ)



Metbrush Anthracite grey (MT)



Embossed surface:



White (RX)



Cream white (CX)



Agate grey (AG)



Grey (SG)



Concrete grey (BT)



Basalt grey (BA)



Quartz grey (Q1)



Anthracite grey (AT)



Brown maroon (MB)



Chocolate brown (BR)



Black brown (UB)



Moss green (MG)



Dark green (DG)



Wine red (WT)



Dark red (WR)



Brilliant blue (BB)



Cobalt blue (BK)



Navy blue (SB)

Plain colors

Smooth surface:



Agate grey smooth (GA)



Signal grey smooth (S1)



Slate grey smooth (S2)



Anthracite grey smooth (A8)

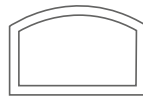


Custom solution

Our products are manufactured with highly stable PVC-U material that is heated to high temperature, which allows it to be shaped to virtually any configuration. Structural steel is added to the inside of the frames for additional stability. All of our products are custom made per order, so there is no such thing as a custom charge.



Elliptical



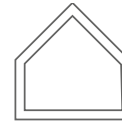
Full Arch Head



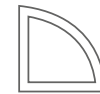
Full Chord



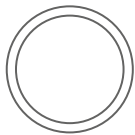
Partial Chord



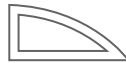
Pentagon



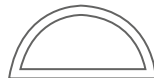
Quarter Circle



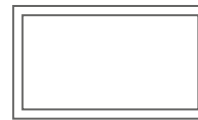
Full Circle



Half Chord



Full Circle



Rectangular



Rectangular



Rectangular



Half Elliptical



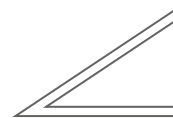
Octagon



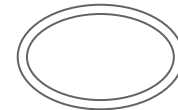
Partial Arch Head



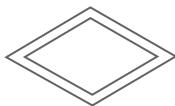
Isosceles Triangle



Triangle



Ellipse



Diamond



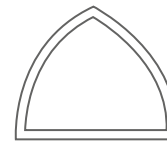
Pentagon



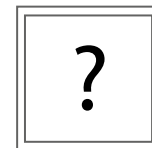
Hexagon



Qrt. Arch with Extended Legs



Cathedral (Gothic Arch)



Custom



Grille options

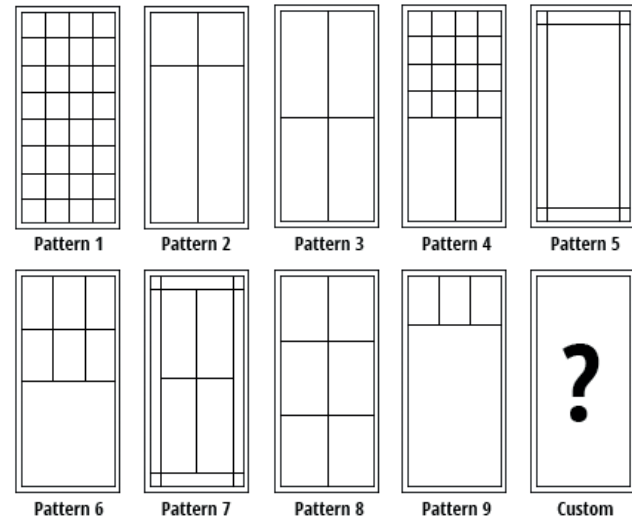
Our product offers an attractive variety of grilles between the glass patterns and options to add style and curb appeal to your windows and doors, while maintaining easy cleaning.

With our custom pattern option the possibilities are virtually unlimited.

Contour Grille Sizes: 1", 3/4", 1/4"

Grille Color Options: We offer over 20 grille color options.

Ask our representative for more info.

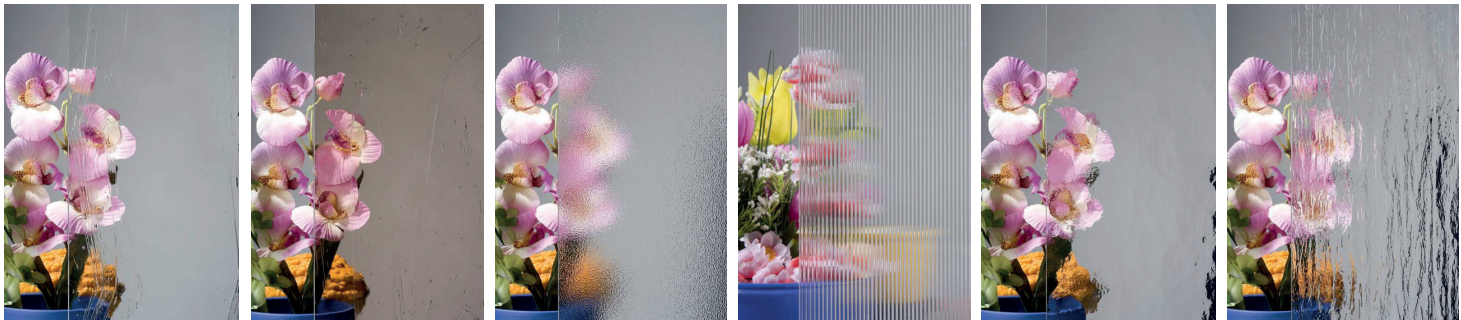


Glass options

Our products use standard insulating glass (double or triple glazing) with plastic frames that are plated and filled with an inert gas (argon or krypton).

We also offer other types of glass: thermal insulation, decorative glass, soundproof glass, solar glass, tempered safety glass or security glass.

All types of glass have additional levels of protection available.



Visit our website for more info



Warranty

Superior Windows & Doors products are built to last. Being built to last starts with quality materials and excellent craftsmanship and ends with a company that stands behind the products. All of the Superior Windows & Doors products carry a 20/10 year transferable limited warranty that will set your mind at ease. **For complete warranty details visit our website.**

● Warranty

Lengths of Warranty for Glass	20 Year Limited Warranty
Lengths of Warranty for Components other than Glass	10 Year Limited Warranty
Warranty Option	Parts + Labor





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