

PVC · WOOD · ALUMINIUM
WINDOWS · BLINDS · DOORS · GARAGE DOORS

The background of the advertisement is a high-quality photograph of a modern interior. On the left, a large black-framed window is open, with a white sheer curtain blowing in the breeze. Outside the window, a balcony with a wooden floor and potted plants is visible. To the right of the window, a wooden shelving unit holds various decorative items like vases and framed art. In the foreground, a light-colored sofa with a red cushion and a wooden coffee table with a vase of dried flowers are partially visible. A yellow-bordered box is overlaid on the lower half of the image, containing the main text.

**EUROPEAN
INWARD OPENING
SYSTEMS**

**WARMER, SAFER, EASIER TO
MAINTAIN**

TO START...

Welcome to the world of warm, stable joinery!

Although various construction approaches are found across the globe today, it is precisely European inward-opening systems that have become synonymous with the technology of tomorrow.

Not without reason, this is currently the absolute standard in countries such as Germany, France, Austria, and Italy. It is worth giving them a chance to broaden your design horizons and discover technology designed to improve your everyday comfort.

Why are inward-opening windows so popular in Europe?

Discover:

- **THE HIGHEST TIGHTNESS** on the market,
- **FREEDOM OF ROOM VENTILATION** regardless of weather conditions,
- simple **CARE AND MAINTENANCE**,
- **OUTSTANDING DESIGN**, matching **THE HOTTEST TRENDS** or **REFERRING TO CLASSICS!**

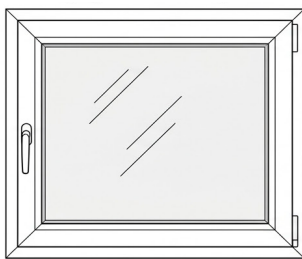


1. Construction of an inward-opening window

Technology and daily operation

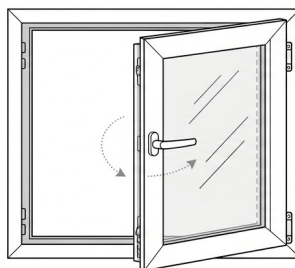
The construction of inward-opening windows is based on the technology of perimeter hardware, which allows for convenient integration of two basic functions: casement opening and tilt opening.

Thanks to them, the window opens in a very intuitive way.



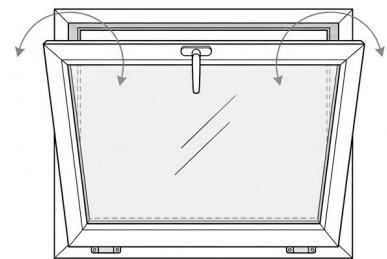
closed position

- Handle pointed vertically downwards – the sash is pressed against the frame along its entire perimeter.



casement window

- Turning the handle 90° (to horizontal) allows for full inward opening of the sash. This works best when we want to clean the window pane or quickly ventilate the room.



tilt window

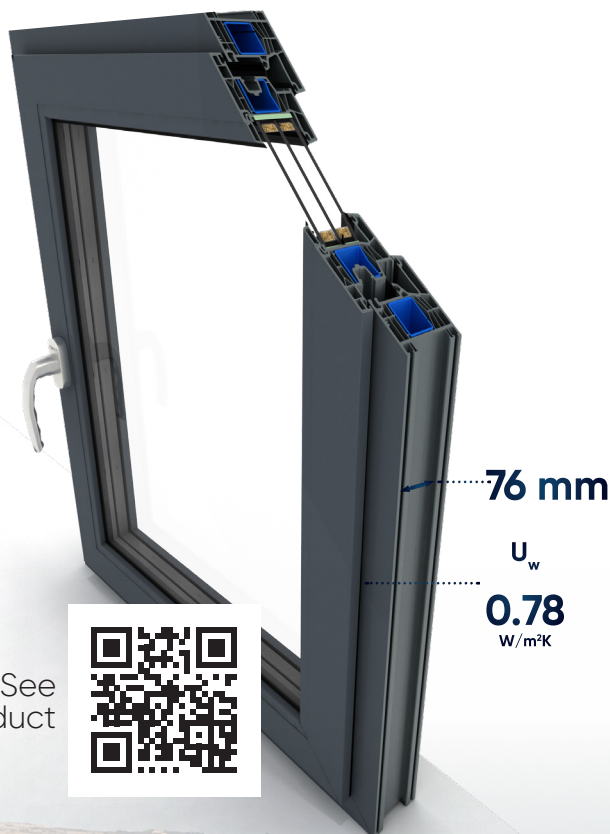
- Turning the handle vertically upwards (180° from the initial position) allows us to safely tilt the upper edge of the sash away from the frame and provide light ventilation.

What difference will you feel?

- **The real difference can be felt already during the first cleaning or daily ventilation.**
- Window cleaning, gasket maintenance, or hardware adjustment after the season are done from inside the house, safely and in full comfort. There is no need to lean out or use a ladder on higher floors.

How an inward-opening window is constructed

A good example is the DPX-76 eXplore series of triple-glazed windows, in which we used hardware from the renowned Siegenia brand, multi-chamber PVC profiles and effective burglary protection.



See
product



DPX-76 Series eXplore

- 6-chamber profile
- Installation depth: 76 mm
- 3 heat-sealable gaskets (2 outer PCE, middle PVC)
- Surface-mounted hinges
- Glazing unit: 4/18/4/18/4
- Siegenia Titan hardware
- 2 anti-burglary catches
- Secustik Luxembourg handle





2. Advantages of inward-opening windows

Numerous benefits make it easy for homeowners to adapt to these windows and use them intuitively from day one.

Open up to...

- even better thermal parameters and energy efficiency,
- sustainable development and low-emission solutions,
- easier window cleaning,
- a wider selection of hardware and anti-burglary systems,
- the possibility of using micro-ventilation,
- more convenient service,
- easily accessible adjustment,
- compliance with the most popular standard in continental Europe,
- better compatibility with mosquito nets, roller blinds and internal window coverings.



Single-family house in the Partry Mountains



This project in the picturesque, yet wild, Irish mountains had to face capricious climate conditions, where gusty winds and rainfall are an everyday occurrence.

The investor decided to use energy-efficient inward-opening aluminum windows, which proved to be the perfect solution for the building's thermal performance and airtightness. As a result, the house is now warm and pleasantly quiet inside, and our satisfied client can admire the island nature without worrying about the wear and tear of the joinery.



The beauty of tradition **historic apartment in Glasgow**



**A classic British terraced house,
a characteristic red sandstone facade,
and a huge challenge – the need for solid
interior protection against street noise.**

The introduction of PVC joinery in the form of impressive inward-opening bay windows refreshed and enlivened the facade, while distinct accents in the form of frames emphasized the geometric divisions on the facade. Thanks to multi-chamber profiles with a thickness of up to 82 mm, the investor achieved the desired acoustic comfort, cozy warmth, and energy insulation at the highest level inside.







Charming 1930s house with **Crittall-style joinery**





This unique property in Dalkeith, Scotland, required the investor to adopt an appropriate approach to renovation and immense respect for its historic architecture.

The DA-65 system with warm triple-glazed units allowed us to recreate symmetrical frames in the iconic, turn-of-the-century Crittall industrial style. The inward-opening windows, finished in a rich colour, perfectly complemented the white façades of the house, additionally guaranteeing high resistance to external factors and bad weather.

About us

Let's get to know each other better!



For over 30 years, we have been creating windows and doors that delight the world with its durability, warmth, and aesthetics. Our portfolio includes holistic solutions for windows, doors, sliding systems, covers, and garage doors.

We produce certified joinery systems made of PVC, wood, aluminum, and hybrid materials.

We have an advanced machining center and production facilities, our own independent fleet, and a global distribution network. We are always close to our customers, providing local support wherever it is needed, ready to offer technical advice and professional support at any stage of your investment.



DAKO. Manufacturer of windows and doors made of PVC, wood, aluminum, and combination windows



**FAMILY
BUSINESS**



**ESTABLISHED
SINCE 1994**



33,800 M²