

PVC · WOOD · ALUMINIUM  
WINDOWS · ROLLER SHUTTERS · DOORS · GARAGE DOORS



 **DAKO®**

# WOOD, ALUMINIUM OR PVC?

COMPLETE GUIDE  
TO CHOOSING JOINERY





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# Entry

**Are you looking for joinery for your home or investment, but don't know which material to choose? Wondering which materials are best for your investment? Would you like to reduce your heating and air-conditioning bills later?**

Or perhaps you are confronted with conflicting information on the advantages and disadvantages of products?

As a door and window manufacturer with over 30 years worth of experience in the building sector, we know that the choice of windows, doors and garage doors is often a decision for a lifetime.

**We will help you make an informed decision.**

In this guide we will explain how to select the right materials to meet your needs and reflect your lifestyle in the best possible way.

- *You will learn about the strengths and weaknesses of the most common materials used in joinery.*
- *You will learn which materials can be replaced by others to achieve better results.*
- *You will discover cost-effective, durable, energy saving solutions for different types of buildings.*

**Let's get started!**



#### 4 | Advantages and disadvantages of materials



### PVC

PVC, or polyvinyl chloride, is one of the most commonly used materials in joinery and the most economical option when choosing windows or doors. PVC joinery is installed in various types of buildings, primarily in single family houses and flats.





Find out more  
about products  
DAKO made of PVC



# PVC as a material for the manufacture of windows and doors has its advantages and disadvantages, which should be considered before making a decision.

**Above all, PVC offers a good quality-to-price ratio, which makes it an attractive solution for those seeking economical and reliable option.**

The strenghts of PVC joinery also lie in its high thermal insulation properties, which contribute to lower heating costs – an important factor in the long term. Advantages of such windows also include high sound insulation and tightness. When looking for products with very large dimensions, it's important to bear in mind certain limitations in PVC joinery that are not found, for example, in aluminium joinery.

We must also bear in mind that white PVC are unfortunately exposed to the risk of yellowing. This can be caused by environmental factors (dirt) or improper maintenance such as cleaning with aggressive chemicals, especially those containing abraasive powder. Good quality joinery installed by professionals, can be used for decades, but if you require longer service life it is worth opting for aluminium or wood instead.



If you are interested in joinery made of this material, we encourage you to take a look a tour top model made of PVC.

Explore the window  
**DPQ-82 ThermoSecure:**





## 6 | Advantages and disadvantages of materials



### Wood

Wood is a noble raw material used to produce the most beautiful windows with a natural finish. They fit perfectly into historical buildings and many architectural styles





Find out more  
about products  
DAKO made of wood



## Beautiful wooden windows are very popular among lovers

of a natural and aesthetic finish in  
joinery.

**A wide range of muntin bars, and a variety of elegant details** in joinery made of this material are true works of art. Unfortunately, such a standard comes with a correspondingly higher price and the need for regular maintenance (due to lower resistance to weather conditions or moisture). It is worth noting, however, that wood as a raw material in itself has excellent thermal insulation parameters, characterised by rigidity and is a hypoallergenic material.

If you are interested in joinery made of this material, we encourage you to take a look at our top model made of wood.



Explore the window  
**DDA-78**





## 8 | Advantages and disadvantages of materials



### ALUMINIUM

Thanks to its design possibilities, today, aluminium is a strong trend in the building industry worldwide. The notion that aluminium joinery is "cold" is also becoming obsolete – modern products made of this material are characterised by increasingly better thermal insulation





Find out more  
about products  
DAKO made of aluminium



**One of the biggest  
advantages of  
aluminium is that it can  
be used for large-scale  
constructions.**

**Aluminium makes it possible to create panoramic glazing, huge sliding casements as well as other unusual designs. It also has a number of strengths, such as lightness, durability and high resistance to harsh environmental conditions.**

This combination of features makes aluminium the optimal solution for buildings exposed to moisture, temperature fluctuations and UV radiation. The material's low maintenance requirements save time and money on regular cleaning and protection from environmental factors. It is also recognised as a non-toxic material. There are, however, some disadvantages to be aware of when choosing aluminium.

Those looking for a cost-effective solution may be discouraged by its slightly higher price, and the lack of the possibility of renovation in the event of scratches or dents may be inconvenient for owners who value a perfect appearance of their joinery. Aluminium windows and doors can also appear cold to the touch. In such situations, PVC or wood offer a better solution, ensuring maximum thermal insulation and a more pleasant sensory experience.

If you are interested in joinery made of this material, we invite you to take a look at our top model made of aluminium.

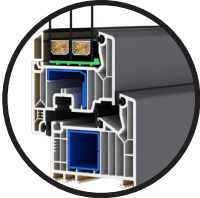

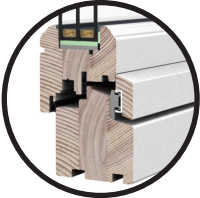



Explore the window  
**DA-77**







# Comparison of materials

Parameters	 PVC	 Aluminium	 Wood
Thermal insulation	★★★★★	★★★★☆	★★★★☆
Construction possibilities	★★★★☆	★★★★★	★★★★☆
Price			
Maintenance requirements	★★★☆☆	★★★★★	★☆☆☆☆
Longevity	★★★☆☆	★★★★★	★★★★☆



## Summary

**Regardless of your preference or specifics of your project, when choosing the joinery for your home or commercial building, it is worth using the services of a reputable manufacturer with many years of experience.**

All products in the DAKO offer go through rigorous tests and research, which guarantees the reliability and durability for a long time. Our

modern production centre and advanced technological process ensure that every model that comes out of the factory meets the highest standards.

We also take care of the safe transport of our windows, doors and garage doors which minimises the risk of damage during delivery. In this way, our customers can be sure that their

ordered products will arrive in perfect condition, ready for installation.

Finally, we encourage you to use the services of professionals, trained to work with DAKO windows, who will quickly and safely install the ordered products without the risk of damaging them.







We hope that our guide has helped you to learn more about the advantages and disadvantages of the materials used in modern joinery.

If you are still wondering what to choose or need help with your project, we will be pleased to help you! Write or call our sales specialist, who will show you the best solution:

## Contact Us



### Jolanta Nowak

Sales Director of the Nordic and UK Market

Export Department

**tel:** +48 18 449 26 74

**Mobile:** +48 661 61 64 20

**e-mail:** [jolanta.nowak@dako.eu](mailto:jolanta.nowak@dako.eu)



### Kinga Płoskonka

Sales Coordinator Nordic and UK Markets

Export Department.

**tel:** +48 18 449 26 34

**Mobile:** +48 695 46 04 89

**e-mail:** [kinga.ploskonka@dako.eu](mailto:kinga.ploskonka@dako.eu)