



*Windows for
Life*



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Europe's *Number One* *for PVC-U window profiles*

EuroCraft Industries is part of profine GmbH, a large international group of window extrusion companies represented internationally. profine is number one in Europe for PVC-U window and door profiles and is the market leader in many other countries as well.



EuroCraft Industries windows and doors are designed and built around the highest quality materials available and installed with unparalleled craftsmanship. Everyone of their products are custom built for your home in their Medley, Florida factory. EuroCraft Industries windows and doors are elegant: simply beautiful and easy to operate. Yet, their advanced design technology allows them to be highly energy efficient, long-lasting and incredibly strong

EuroCraft Industries has been providing windows and doors in Florida's sub-tropical climate for over 20 years. It's not uncommon for the temperature here to range from the low twenties during winter months, to above one hundred in the summer. Our customers have found that our products stand up to the temperatures shifts, as well as high winds and corrosive salt air. Our windows have been sold throughout the southeastern United States as well as in the Caribbean. Our Mission is simple: to provide architects, developers, builders and home owners with the best possible product – whether that be new construction or renovation.

These technical requirements, combined with those already described, form the circle of quality established by EuroCraft Industries. The level is maintained with regular checks on the quality of their profiles by way of the analysis of random samples taken from daily production. This ensures that their quality always accords with the highest of demands. At EuroCraft Industries, quality must meet the most stringent standards of the industry 100% of the time. This means extending quality control to the entire profile manufacturing process.



Raw materials :

- Granulometry
- Humidity as %.
- Impurities.
- Adhesive bonding capacity, etc.



Manufacture :

- Jellification
- Vicat temperature
- Modulus of elasticity
- Dimensions and tolerances, etc.



Completed profile :

- Impact resistance
- Xenotest for resistance to weathering
- Strength of corners
- Modulus of elasticity, etc.



Beautiful

Windows

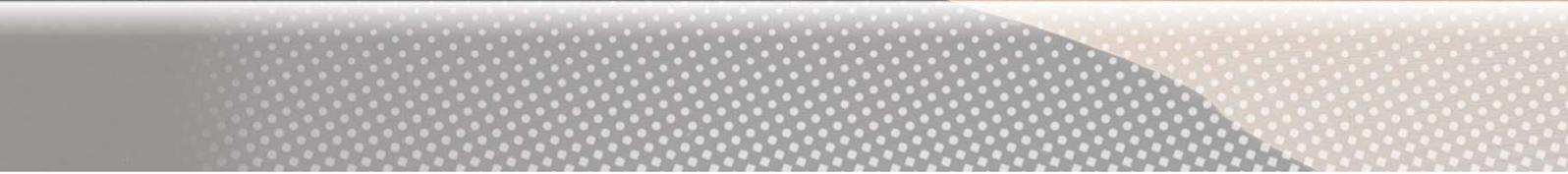
Beautiful things are readily noticed. Indeed, windows built from EuroCraft Industries profiles are strikingly attractive and beautiful.

They bring fresh aesthetic beauty to new and old buildings alike. The windows in your house ignite “the sparkle in your eyes.”

PVC-U windows from EuroCraft Industries are built according to a carefully designed profile concept. This concept allows for many different window designs, with the greatest variety.

With EuroCraft Industries products, you can implement your very own personal style - windows of all shapes and designs : rectangular, polygonal, round or extra large units. When it comes to making your ideas reality, EuroCraft Industries profile systems give you virtually unlimited freedom.







and Wind Res

Performance values of windows manufactured with EuroCraft Industries profiles

How can we tell if a window has good performance values? At present, there are various European standards and tests which determine these characteristics in detail. EuroCraft Industries tests the windows made with their profiles on a regular basis, and always obtains the best possible results. For example, a window measuring 1.20 x 1.20 m with profiles from the Eurodur system, achieved the following results when tested*:

Air tightness	(the quantity of air which passes through a closed window or door) Classification EN 12207 : 2000 Test method : EN 1026 : 2000	Qualification 4 Maximum degree of air tightness
Water tightness	Classification EN 1207 : 2000 Test method : EN 12208 : 2000	Qualification E750 Maximum degree of water tightness
Wind resistance	(relative structural wind load resistance and deflection of the window) Classification EN 12210 : 2000 Test method : EN 1221 : 2000	Qualification C5 Maximum degree of structural wind load resistance

*Test 8171 conducted by CIDEMCO. Ask EuroCraft Industries about the complete test or download details from their Web page at www.eurocraft-usa.com



EuroCraft Industries PVC-U window and door systems have been successfully used in swimming pools, marine and ocean environments without deterioration of surface finish or performance.

Resistance to driving rain and joint tightness are major assets of EuroCraft Industries window and door systems. EuroCraft Industries PVC-U profiles fulfill the requirements of the American Standards AS 4420 and AS 2047.

The windows are watertight up to 450 PA (N6).

Due to their excellent material properties, EuroCraft Industries PVC-U windows and doors are ideal for installation in buildings located in coastal areas. These areas typically have permanent exposure to strong wind, heavy rain and salty air. The windows have passed several severe tests designed by official institutions.

All window types are capable of withstanding the tests specified in AS 4420.2 and AS 4420.6 (rating N3 and N4).

This makes EuroCraft Industries profiles suitable for high-rise buildings.

Maximum *water tightness* *Resistance*





Save on energy costs and improve your quality of life. Nowadays, whether used for old or new buildings, windows are rated in terms of specific measurable construction and physical characteristics.

One particularly significant feature is their ability to protect you against heat. Inefficient windows are one of the main reasons why a building faces substandard insulation. PVC-U windows, by contrast, not only help you to save money (because greater thermal insulation means reducing energy consumption for either cooling or warming of your house) but also contribute to reducing the harmful emissions polluting the environment.

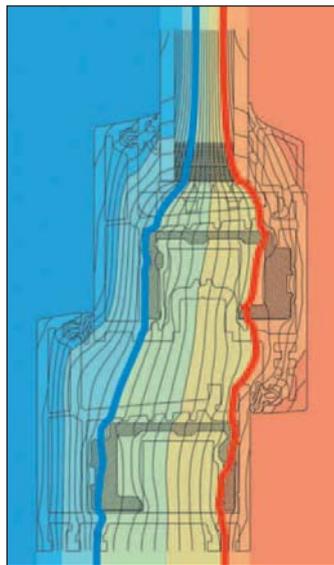
Even very tough climatic conditions such as extreme temperatures or salt-laden sea air cannot stop PVC-U windows from doing their job. They don't even need time-consuming, labor-intensive care. Their long lifespan, dimensional stability and robust surface ensure that you will enjoy your PVC-U windows for a long, long time.

Compliance with the new legislation

The new national and European laws, in line with the Kyoto Protocol, are aimed at reducing CO₂ emissions into the atmosphere. One way to do this is to reduce the use of heating. So how do we do that? By improving the insulation systems for buildings. In that respect PVC-U has proved to be the ideal material for windows and doors and the best insulator to achieve this objective. For example, the values required by the European Standard ISO 10077-1 are as follows :

Frame material	U _f value [W/m ² K] **
Aluminium	3.5 (60 mm)
Aluminium with thermal bridge	2.0 (60 mm)
Wood	1.5 (60 mm)
PVC-U	1.3 (70 mm)
PVC-U	1.5 (58 mm)

** The value U is a measurement of the insulating value of a material, being a reflection of the heat loss which is transferred through a unit. PVC-U profiles are by far those with the smallest amount of energy to escape.



Thermograph of a section of a window with EuroCraft Industries profiles.



Protect your house *with excellent*

Thermal



Qualities



Secure



Security

When it comes to windows -
play safe !

The number of break-ins is constantly increasing. Burglars usually find their way in via the windows - even during daytime. To make things as difficult as possible for such unwelcome “guests”, you should play it safe - especially with windows.

You can achieve very effective protection against such unpleasant surprises thanks to EuroCraft Industries PVC-U window profiles. EuroCraft Industries sashes and frames are made of stable, high impact-resistant multi-chamber PVC-U profiles with integrated steel reinforcement.

Highly effective security hardware combined with special glass provide the maximum achievable security for your windows. In addition, lockable handles are available and also a great choice for households with small children.



Protection against

Noise for



The need for noise insulation

The insulation requirement for the window depends on the use of the building and the level of outside noise (a moderate reduction in noise intensity will be perceived as a major reduction in the sensation of noise). Windows installed with EuroCraft Industries profiles result in reductions of up to 45 dB, depending on the type of glazing used.



Reduction by 10 dB(A) :
Sensation 1/2 of previous noise

Reduction by 30 dB(A) :
Sensation 1/8 of previous noise

Reduction by 50 dB(A) :
Sensation 1/32 of previous noise



the sake of your *health*

Noise stress can be a major cause of illness. It not only damages one's hearing, it also leaves persistent marks on the human psyche. For many years, effective protection against undesired noise has not merely been a matter of comfort, but a decisive issue in health protection.

Since windows are – literally - the thinnest parts of a building's shell, they play a decisive role in the acoustic absorption values of your house. Especially in buildings located alongside roads with heavy traffic or in the close vicinity of airports, efficient noise insulation is a critical requirement.

The usual procedure in such locations is to install multi-pane insulated sealed glass units. Even better sound absorption values can be reached by using special composite laminated glass. The relationship between physically measurable noise levels and the way they are perceived by the human ear can be roughly summed up as follows : ambient noise made 10 dB quieter halves the human perception of this noise, 10 dB louder doubles this perception. Heavy traffic generates a noise level of around 75-80 dB.

By fitting PVC-U windows combining EuroCraft Industries high-grade, multi-chamber profiles and special insulating glass, you can reduce this noise by up to 45 dB, and thus only perceive 1/24 of the outdoor noise inside the house. Traffic noise is almost completely muted and calm is maintained. Even around major airports, sleep will no longer be disrupted thanks to this noise reduction technology.





For more than a century, EuroCraft Industries has invested its know-how and resources in research and innovation. Its products are designed to help improve quality of life for the homeowner. Advanced technology has enabled EuroCraft Industries to offer products of exceptional quality. The EuroCraft Industries brand has in the past and continues to lead the European market for PVC-U window and door profiles.

As an industry leader EuroCraft Industries goes further and embraces the responsibilities of an industry that is faced with the challenges of preserving a balanced and harmonious environment. The *greenline* concept has been developed out of concern for the environment and perfected with the purpose to preserve natural resources by working to accomplish three mutually beneficial objectives :

- To ensure ongoing improvements of the window system's performance, through increased thermal insulation with a reduction of energy consumption and improved sound insulation.
- To recycle the basic raw materials (PVC-U, glass and steel) and to reuse them in the production cycle – with an improved efficiency through a lower consumption of raw materials and energy.
- To optimise the use of raw material components and refine the product ensuring longevity with an increased lifespan of PVC-U profiles.

Since 2001, all EuroCraft Industries window, door and roller shutter profiles have been produced exclusively with calcium-zinc instead of lead ingredients. Calcium-zinc is a new type of stabiliser.

It makes PVC-U profiles more resistant to weather conditions and since 2003 is produced in-house.

With the creation of the *greenline* brand, EuroCraft Industries continues to pursue a philosophy of excellence in an effort to help ensure human health and preserve the environment.

In European countries such as Denmark, Switzerland and Austria, the use of lead based stabilisers is already prohibited.

Similarly, in Australia lead-stabilised windows and door profiles will be outlawed as of January 2008.

In North America the legislation to keep PVC-U window and door profiles lead free has been in place for many years.

Considering the health and environmental hazards of lead, most homes in a few years, will have to be equipped with lead free windows and doors.

People's homes will gain and maintain their value if equipped with *greenline* windows! Choosing calcium-zinc stabilised profiles for windows is a smart decision that will benefit everyone!

Let's build the future *together*



greenline®

profine is one of the world's leading PVC-U window extrusion companies.

It is also member of the European Union Standardisation Committee for window profiles.

The company holds quality certificates for its profiles from all countries in which it maintains a presence.

Some examples are :



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