



**NEW**



## For Those Who Seek “More” Forever

*Magnificent satisfaction of all your expectations with help of a wider profile and more chambers: Legend...*



# LEGEND



## GENERAL FEATURES:

Legend system is perfectly designed using the state-of-the-art 6-chamber technology and a profile depth of 80 mm you can benefit from great energy savings and substantially reduce heating costs. Compared to standard windows, Harmonized design combined with a high level of functionality such as excellent sound insulation and very good thermal insulation values fully satisfies even the highest requirements.

Profiles in the LEGEND system are being produced in conformity with the Standard EN 12608.

## HIGH PERFORMANCE IN THERMAL INSULATION:

The LEGEND platform is designed in the way which puts many important components together for providing the best thermal and acoustic insulation to your living space.

- Featuring a profile depth of 80 mm
- State-of-the-art 6-chamber technology
- Glazing thickness of up to 44 mm can be accommodated
- ( $U_f \leq 1.1 \text{ W/m}^2\text{K}$ ) can also be implemented with standard Reinforcement

Especially structuring the system on the 80 mm wide platform creates an opportunity for triple glazing applications. With 44 mm glass thickness, low  $U_g$  values (0.6- 0.7  $\text{W/m}^2\text{K}$ ) combined with the thermal conductivity value, the profile section and the thermal values of the glass constitutes the superior U Window Value. (\*  $U_w = 0.90 \text{ W/m}^2\text{K}$ ).

## STATIC STRENGTH:

The reinforcement and the interior chamber design of the LEGEND system, provides a superior static strength up to 1350 Pa certified by the Pfb Testing Institute.. The most suitable profile shapes convenient to use a special designed reinforcements which were determined according to the toughest static calculations made for higher wind loads. This spectacular wind load resistance allows you to create your own individual and architectural style with larger window designs without losing the field of view.

## PRODUCT RANGE:

Besides outstanding thermal insulation the LEGEND system also meets demanding design requirements. LEGEND provides a consistent and timeless solution for elegant windows and facades. There are many different colors and designs for you to choose from. LEGEND is available in two different Sash designs allowing to produce A high quality window profile that delivers an excellent balance between ecology, design and functionality and meets the high standard of today's modern building requirements.

## GLASS APPLICATIONS :

In LEGEND system you have various options from 24mm up to 44 mm Glass thickness which allows triple Glazing.

## COLORS :

There is a color concept for private or commercial projects even new buildings or refurbishment. The coloured foils are either applied on one side or on two sides. You can combine different colors in many different ways and even give your windows a different look on the inside and outside. The high quality and extremely durable laminated foils satisfy highest design and quality demands also easy to care for and extremely resistant to temperatures and UV.

\*  $U_{window}$  values vary according to the dimensions of the window and the features of the glass.



Building a sustainable home

