



## Window system



**GlassWin System** · 70 mm  
based on structural glazing technology



**KÖMMERLING**<sup>®</sup>



# Beautiful New Window World

Windows and doors form part of your living space and your own personal living environment. You should therefore give your full attention to your decision for the right window system.

## The future of the modern window has begun

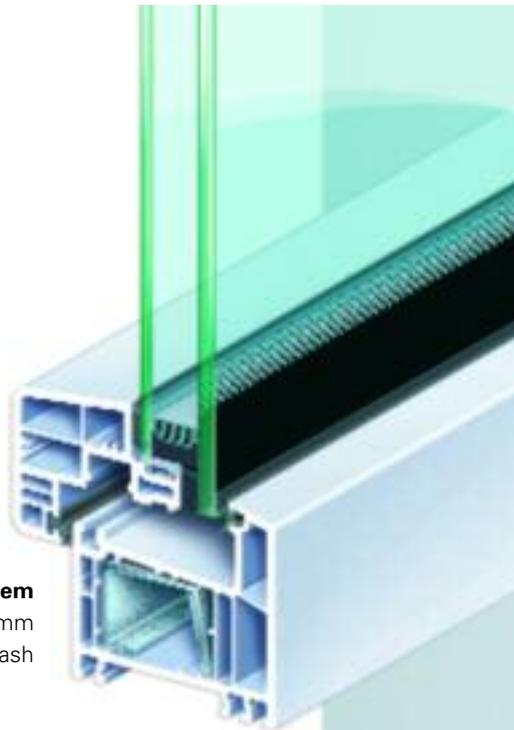
Modern architecture with large glazed areas requires the most modern window technology. One trendsetting innovation is the GlassWin system. In this system the glass is bonded to the frame structure. This technology is a familiar one in facade design, but its use until now has been restricted to metal structures, in particular aluminium.

The principle is an adhesive joint that transmits forces and reinforces the window sash with a stepped insulating pane. As a consequence, elements for PVC windows can now be manufactured in sizes that earlier were possible only with considerably larger profile dimensions. Moreover the GlassWin system does away with the steel reinforcement for the sash, and its structure specifically optimises the pane's heat insulating properties. Both components contribute towards the reduction of heat losses.

**GlassWin System**  
window system with 70 mm  
installation depth and concealed sash

## Elegant design, original look, and excellent static properties

The particular static properties of the GlassWin system allow slender and therefore more elegant frame structures. The sash profile is completely covered by the glass pane and is not visible from the outside. This means that considerably more light enters the building for the users' benefit.



- ▶ Modern window design of straight lines with slender profile sight lines
- ▶ Original look and greater passage of light owing to concealed sash profile
- ▶ Excellent dimensional stability for ensured permanent operability
- ▶ Thermal insulation optimised for multichamber design  
 $U_w$  value = 1.3 W/(m<sup>2</sup>K)
- ▶ Easy care, and no coats of paint
- ▶ Lead free rigid PVC stabilised with eco friendly calcium and zinc



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