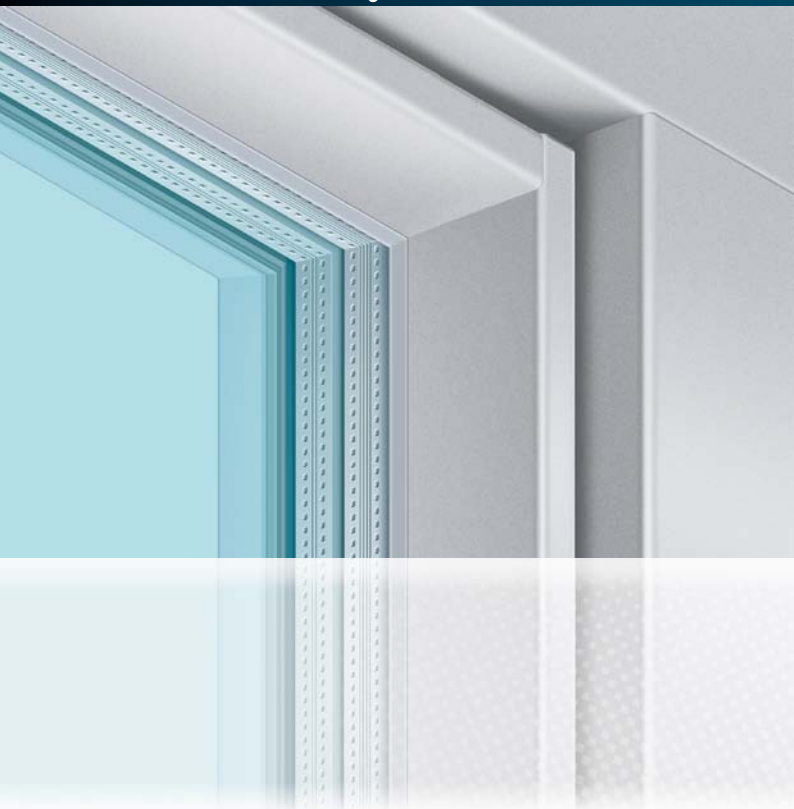




Window system



KÖMMERLING (88) *plus* **AluFusion**

semi-offset



KÖMMERLING®



KÖMMERLING 88plus AluFusion – aluminium and PVC-U in a unique marriage.

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

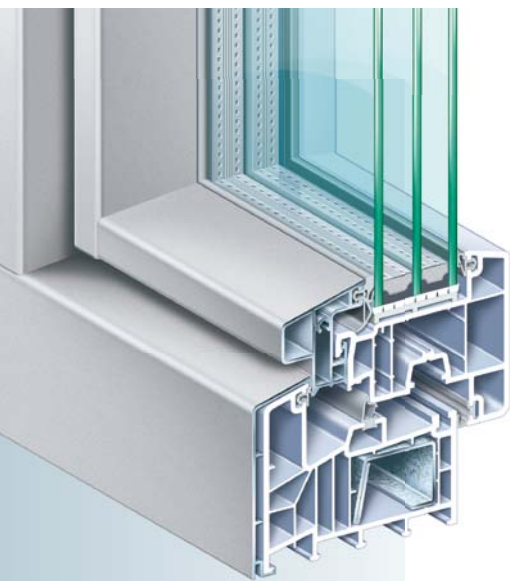
► Elegant look, best statics, plus economic efficiency

KÖMMERLING 88plus AluFusion is a new generation of windows – a unique marriage of aluminium and PVC-U. Both materials not only complement each other, but also mutually enhance their own great benefits. Besides the familiar functions of an aluminium cover, the special features of AluFusion include in addition the sliding connection between the functional aluminium and PVC-U sash profiles and the absent glazing bead. Aluminium and PVC-U fuse.

► A standard in thermal insulation

The aluminium profile assumes the static functions, so steel inserts in the sash profile are necessary only in particular applications. This absence of steel serves to enhance further the outstanding thermal insulation properties that AluFusion has to start with, for a U_f value of $1.1 \text{ W}/(\text{m}^2\text{K})$. AluFusion is therefore setting standards in thermal insulation – and in times of rising energy costs.

- semi offset window design of straight lines in high quality aluminium window look
- full face window walls – butt joined aluminium functional aluminium covers in a classical design
- sashed doors up to 2.6 m high and 1.0 m wide
- outstanding thermal protection compared with aluminium windows U_f value = $10.1 \text{ W}/(\text{m}^2\text{K})$
- Slim profile sight lines maximise incoming light for greater energy gains.
- aluminium look on the outside – for virtually unlimited colour schemes – neutral white on the inside
- outstanding sound insulation up to $R_w = 47 \text{ dB}$
- for special 38–40 mm functional glazing
- easy care and low maintenance
- All PVC-U profiles are stabilised with environmentally friendly "greenline" calcium and zinc instead of lead.



AluFusion system, semi offset

Window system with 88 mm installation depth, PVC sash profile, and functional aluminium profile in a sliding assembly



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