



The
window for
explorers!



KÖMMERLING 76

Double seal system – Passive house suitability
as defined under ift guideline WA 15/2

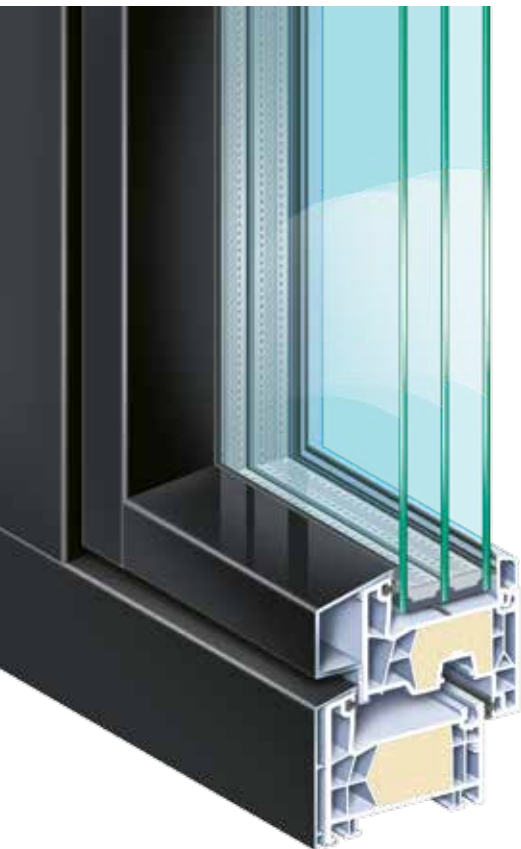


KÖMMERLING®



DISCOVER A GREATER QUALITY LIVING.

Want to do a lot for the environment, yet save costs without sacrificing convenience and design? The passive house makes it possible: with **KÖMMERLING 76**. When fitted with the upgrade technologies **AluClip Pro** and **proEnergyTec**, this modern window system fulfils the high energy saving requirements for passive houses.



Passive house.

The concept behind a passive house works only with a refined thermal insulation that limits the annual heating needs to 15 kWh per square metre of living space. This allows a building to be heated alone from passive energy sources without the need for a separate heating system. One of the most important components here is the window system. The slender profile sight lines presented by **KÖMMERLING 76** not only allow a modern design with large glazed areas, but also increase solar gains.

The reinforcing chambers in the sash and frame are filled with **proEnergyTec** foam. Also possible is the combination with sash steel reinforcement and **proEnergyTec** in the frame. This technology achieves the highest thermal insulation values and can be recycled easily at a later date.

KÖMMERLING 76 - Passive house

Window and door system with 76 mm construction depth.

- Outstanding thermal insulation value $U_f = 0.93 \text{ W}/(\text{m}^2\text{K})$
- Thermal insulation glazing 44 mm with TGI spacer – U_g value = $0.6 \text{ W}/(\text{m}^2\text{K})$.
- Passive house suitability as defined under ift guideline WA-15/2 – U_w value = $0.79 \text{ W}/(\text{m}^2\text{K})$.
- Elegant aluminium design for virtually unlimited colour schemes.
- High stability thanks to functional aluminium profiles.
- Highest thermal insulation values thanks to **proEnergyTec** technology.
- Fully recyclable.

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