KW65

window system

KW65

_ three-chamber window system with increased thermal insulation performance
_ thermal parameters of the KW65 window meet the requirements applicable as of **2027** (Uw starting from 0.90)
_ the KW65 system is based on 65 mm deep frame sections
_ wide range of profiles offered as part of the KW65 system, enabling the design of modern windows and display windows that feature high functionality and aesthetics
_ the KW65 system uses modern insulating materials: in addition to the classic window central gasket for high tightness (air infiltration, watertightness), an additional thermal gasket has been designed to increase the thermal insulation performance of windows
_ possible to select different profile finishes (including renovation profiles) in the system, which will give the window structure an individual character
_ the system also makes it possible to construct all-glass 90-degree corner connections
_ the KW65 window system sets a new standard for window insulation, while maintaining the highest ergonomics of use and modern profile aesthetics
_ OUT option available – outswing windows
_ SU option available – hidden sash option
_ KW65 is a system intended to design window structures in public buildings as well as in single or multi-family buildings
_ possible to install the Flyscreen, Insect System, Insect Screen (mosquito net systems)
_ wide range of colours – RAL palette (Qualicoat 1518), textured colours, Aliplast Wood Colour Effect – wood-like colours, Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodised colour (Qualanod 1808), bi-colour

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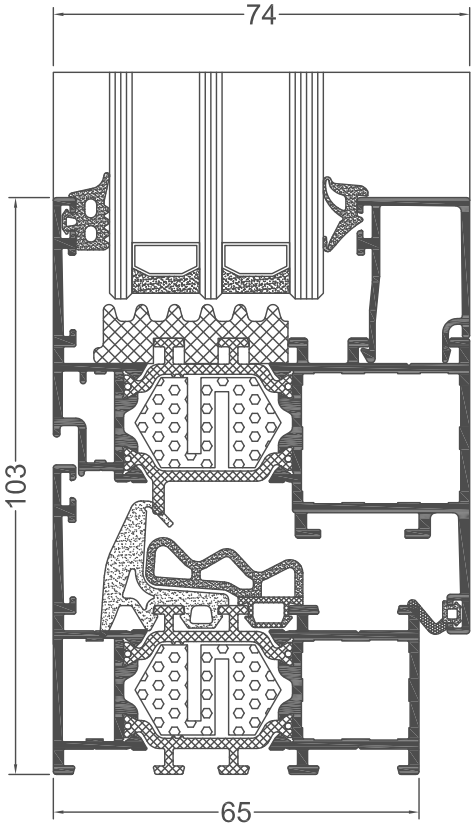
technical specification

system	material	depth of frame	depth of leaf	glazing range	type of windows
KW65	aluminium / polyamide	65 mm	74 mm	fix 4-49 mm, window 4-55 mm	FIX, R, U, RU

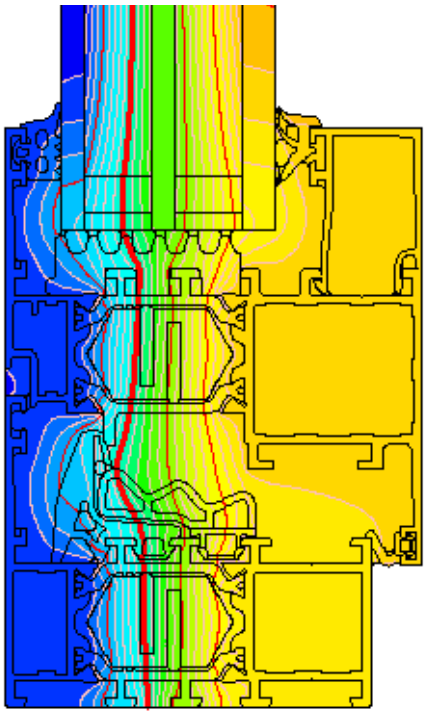
performance

system	KW65 i+	KW65 i	KW65
thermal insulation Uf*	Uf from 0,99 W/m²K	Uf from 1,47 W/m²K	Uf from 1,703 W/m²K

* Thermal insulation is dependent on a combination of profiles and thickness of the filling



KW65 window section



example distribution of isotherms for the combination of a frame with a system window sash