



The Quality Profile



SOFTLINE MD70 NEO

Type	Casement
System Depth	70 mm
U-Value	$U_f=1.2 \text{ W/m}^2\cdot\text{K}$

SOFTLINE MD70 NEO

VEKA SOFTLINE MD70 NEO casement system features the same high-end design and technical benefits of VEKA MD82 system on an economical 70mm and 5 chamber platform with an innovative 3-level center seal gasket design.

The MD70 NEO is the perfect match to fulfil all technical requirements stipulated by Chinese building regulations, including high-rise buildings all over China. This window system is the perfect solution for low-energy high-rise projects requiring windows with U_w of 1.3 – 2.0 $\text{W/m}^2\cdot\text{K}$.

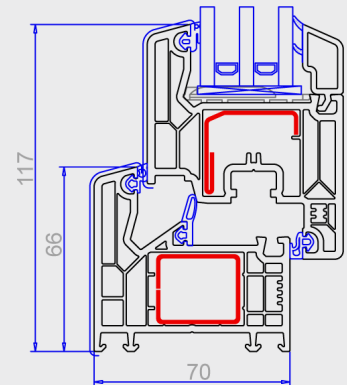
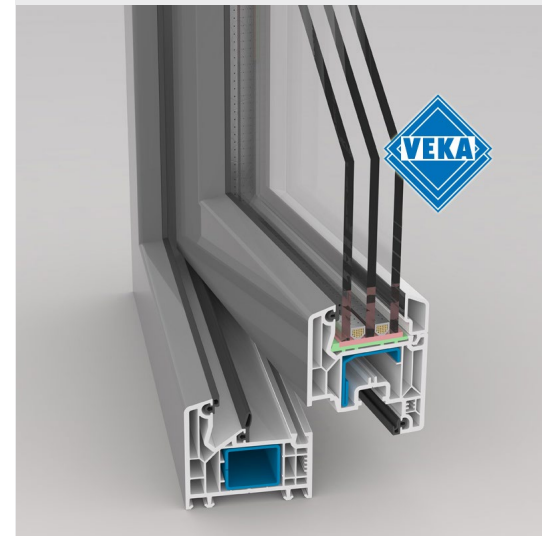
- ◆ System $U_f 1.2 \text{ W/m}^2\cdot\text{K}$ (including steel reinforcements)
- ◆ System depth 70mm – 5 chambers
- ◆ Glazing width range from 10mm – 40mm
- ◆ Glazing depth 25mm
- ◆ High-performance 3-level center seal gasket system
- ◆ Available in profile wall thickness “Class A” and “Class B”
- ◆ Specially designed steel reinforcements for high wind-load
- ◆ Perfect window system solution for high-rise buildings with $U_w 1.3\text{-}2.0 \text{ W/m}^2\cdot\text{K}$

U-Values by Glass configuration

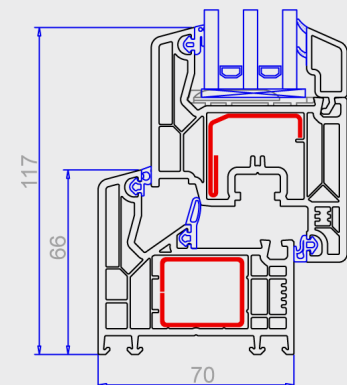
U-Value Std window	Glass Thickness	Glass Configuration	Glass U-Value
1.3 $\text{W/m}^2\cdot\text{K}$	39 mm	5ssLow-E+12Ar+5+12Ar+5 (warm edge)	1.16 $\text{W/m}^2\cdot\text{K}$
1.5 $\text{W/m}^2\cdot\text{K}$	22/24 mm	5dsLow-E+12/14Ar+5(warm edge)	1.40 $\text{W/m}^2\cdot\text{K}$
1.8 $\text{W/m}^2\cdot\text{K}$	22/24 mm	5dsLow-E+12/14A+5	1.66 $\text{W/m}^2\cdot\text{K}$
1.9 $\text{W/m}^2\cdot\text{K}$	33 mm	5+9A+5+9A+5	1.87 $\text{W/m}^2\cdot\text{K}$

Color options

Standard White		White
Acryl-Color COEX		dark brown
		dark grey
Laminated		dark oak
		golden oak
		mahogany
		dark grey
Full color profile		brown
		caramel
		dark grey



↑ Window Acryl-Color COEX



↑ Window standard

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Even though the local window standard was $U_w \leq 2.8 \text{ W/m}^2\cdot\text{K}$, the developer for this project decided to use high quality, low energy windows for their residential buildings ($U_w \leq 1.2$). The market demand for these low-rises is very high and owners appreciate above-average performance. VEKA SOFTLINE MD70 NEO not only meets but exceeds local window standards, with outside color COEX dark brown perfectly matching the building's exterior appearance.

Product	SOFTLINE MD70 NEO
U_f	1.2 $\text{W/m}^2\cdot\text{K}$
Glass Configuration	5ssLow-E + 12Ar warm-edge + 5 + 12Ar warm-edge + 5
U_w	1.3 $\text{W/m}^2\cdot\text{K}$

