Our BLACK & WHITE guide

All our window systems are **ready to meet a U-Value** of 1.2 W/m2K

VEKA HALO imagine

WE CARE
WE ACT

From the 15 June 2022 there will be some big changes to the thermal efficiency requirements of buildings – in particular new build dwellings.

At present, U-Values are 1.4 W/m2K for windows going into new homes. Under Part L of the 2022 Building Regulations, this figure will lower to 1.2 W/m2K. For refurbishments in existing buildings, a U-Value of 1.4 W/m2K is required.

All our window systems are ready to meet a U-Value of 1.2 W/m2K.

It's our advice that you always carefully check the specification of any system because performance is a result of many different elements of the product construction. There are a lot of over inflated claims out there, so if it looks too good to be true it probably is.

At VEKA, we like to be transparent with our customers, so that you always have accurate information. The specifications in this guide are realistic to fabricate.

There's no hidden small print, they are fully reinforced, and they apply to both light and dark colours. We've removed all the grey areas around the new U-Values required for new build dwellings, to bring you a black & white guide to how all our window systems can meet a U-Value of 1.2 W/m2K or lower.

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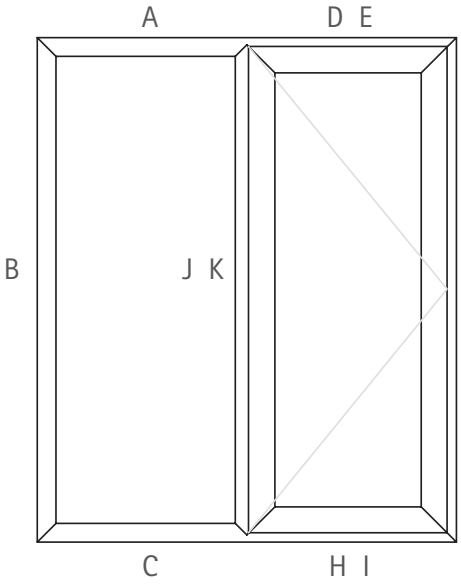
HALO System 10 Casement

Whole Window U-Value: 1.2 W/m2K

Configuration:

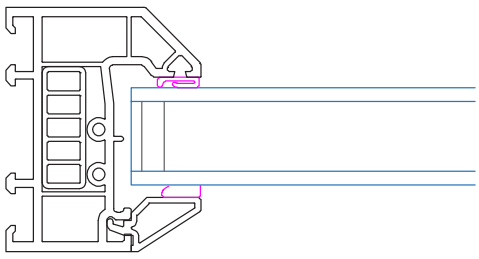
56mm Outer Frame	701501
Thermal Insert	709331
70mm Z Transom	702506
Steel Box	713187
75mm Internally Beaded Sash	703508
Steel P Section	713182
28mm Glazing Bead	707429



Glazing:

Thickness	28mm (4/20/4)
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.1 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm

Sections A B C



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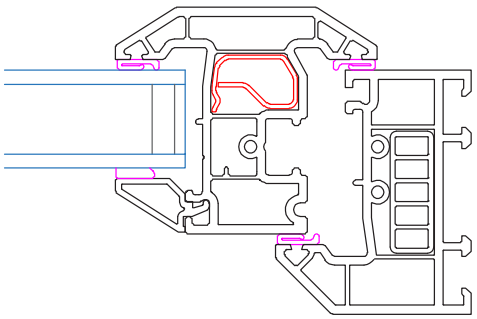
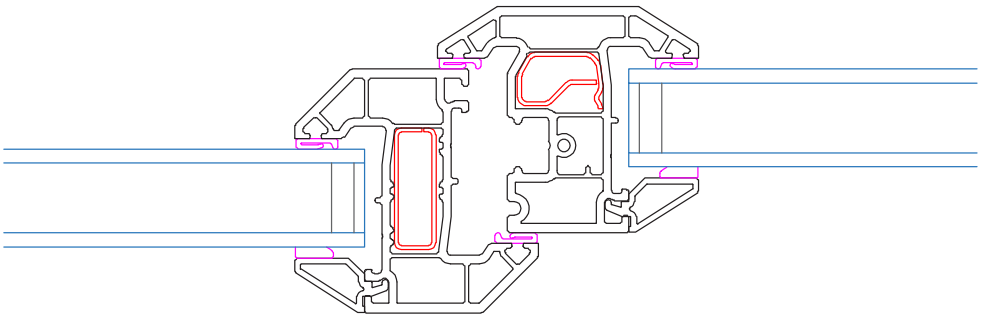


Section JK

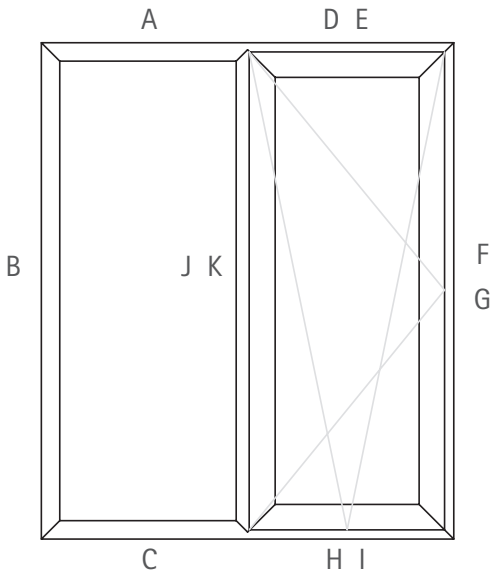


HALO System 10 Tilt & Turn

Whole Window U-Value: 1.2 W/m2K

Configuration:

56mm Outer Frame	701501
Thermal Insert	709331
70mm T Transom	702503
Steel Box	713187
Tilt & Turn Sash	703509
Steel L Section	713161
24mm Glazing Bead	707428

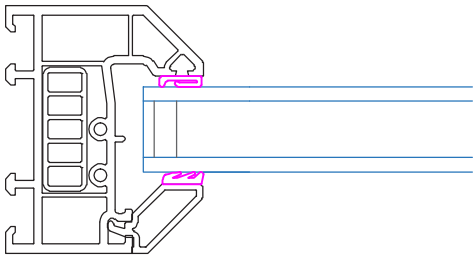


Glazing:

Thickness	24mm (4/16/4)**
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.0 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm

** 28mm also available using 6.8mm laminated float glass (e.g. Pilkington Optilam) as Pane 1 & appropriate glazing bead.

Sections A B C



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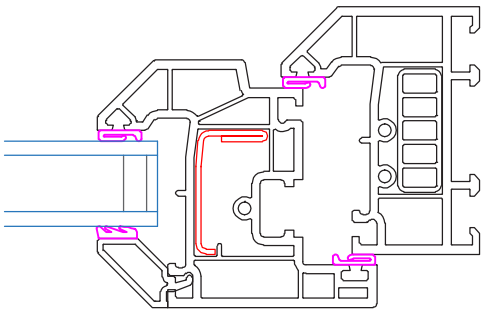

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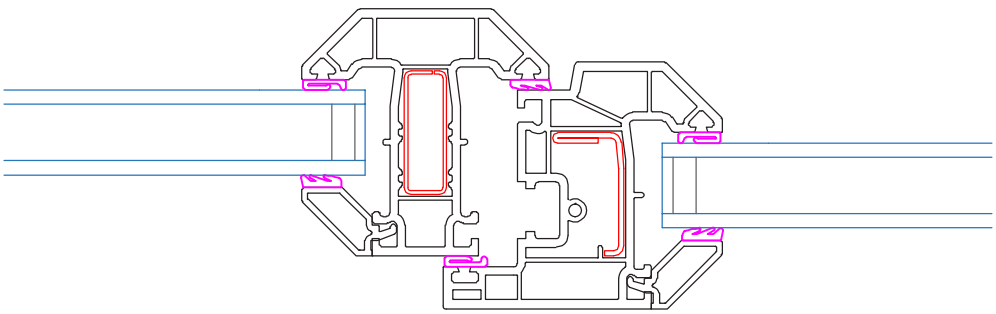
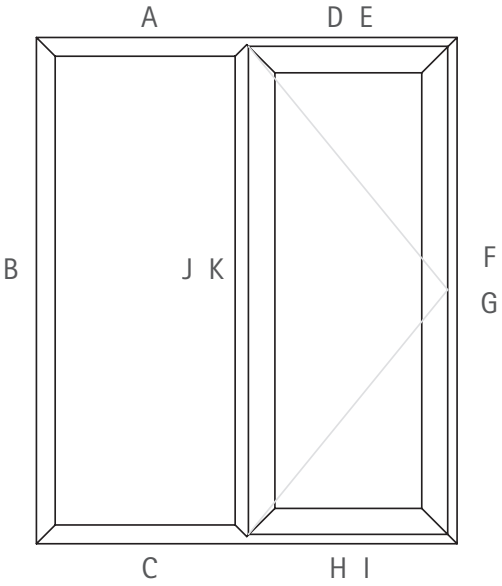


HALO System 10 FlushSash

Whole Window U-Value: 1.2 W/m2K

Configuration:

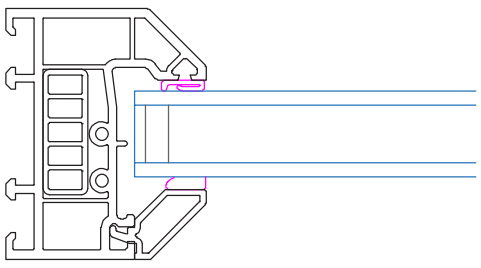
56mm Outer Frame	701501
28mm Glazing Bead	707429
Thermal Insert	709331
70mm Z Transom	702506
Steel Box	713187
Flush Sash	703810
Steel L Section	713226
28mm Glazing Bead	707427



Glazing:

Thickness	28mm (4/20/4)
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.1 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm

Sections A B C



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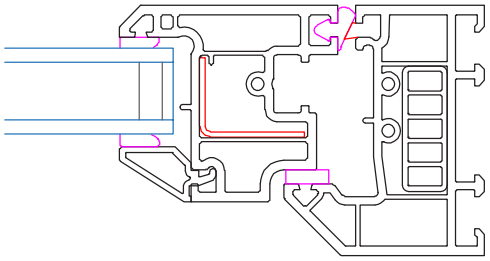

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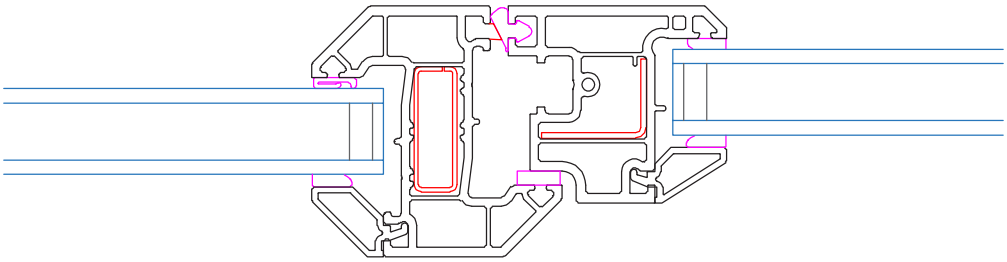


HALO Rustique Casement

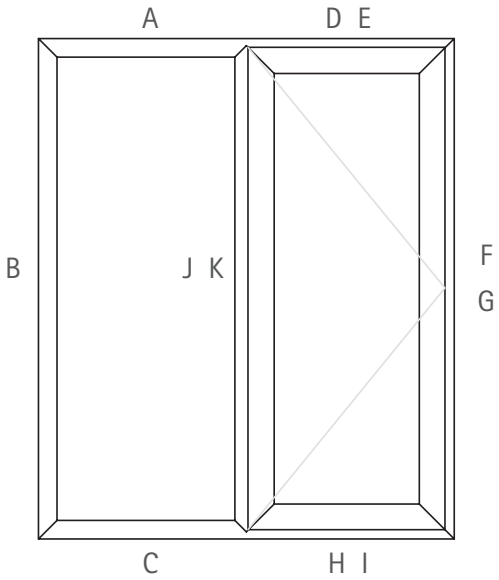
Whole Window U-Value: 1.2 W/m2K

Configuration:

56mm Outer Frame	701531
Thermal Insert	709331
70mm Z Transom	702536
Steel Box	713187
76mm Casement Sash	703538
Steel P Section	713152
28mm Glazing Bead	707431

Glazing:

Thickness	28mm (4/20/4)
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.1 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm



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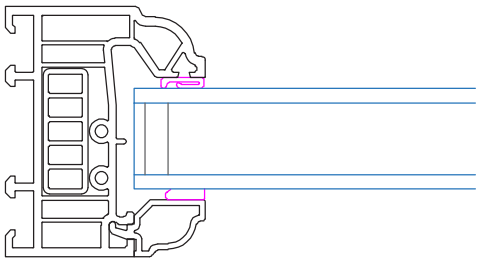

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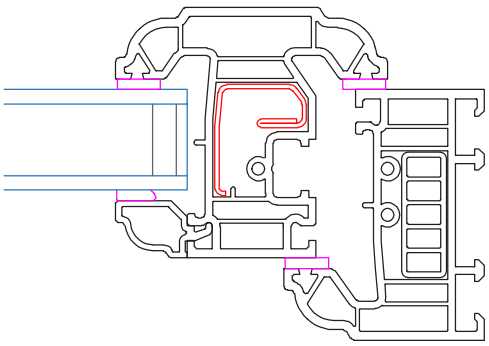

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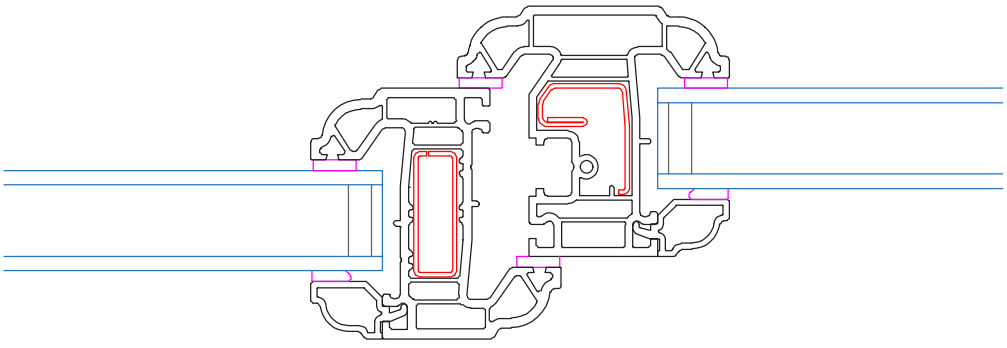
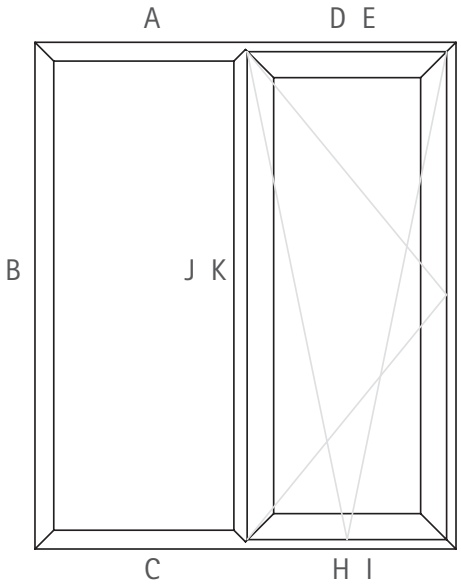


HALO Rustique Tilt & Turn

Whole Window U-Value: 1.2 W/m2K

Configuration:

56mm Outer Frame	701531
Thermal Insert	709331
70mm T Transom	702533
Steel Box	713187
Tilt & Turn Sash	703539
Steel L Section	713161
24mm Glazing Bead	707430

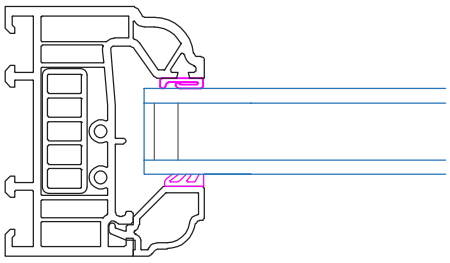


Glazing:

Thickness	24mm (4/16/4)**
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.0 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm

** 28mm also available using 6.8mm laminated float glass (e.g. Pilkington Optilam) as Pane 1 & appropriate glazing bead.

Sections A B C



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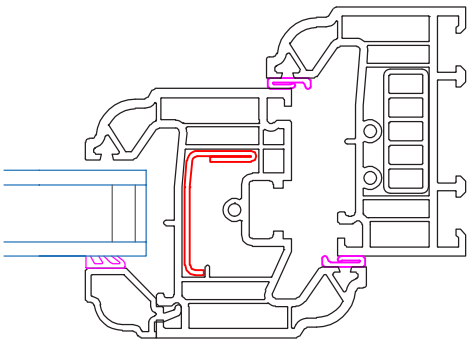

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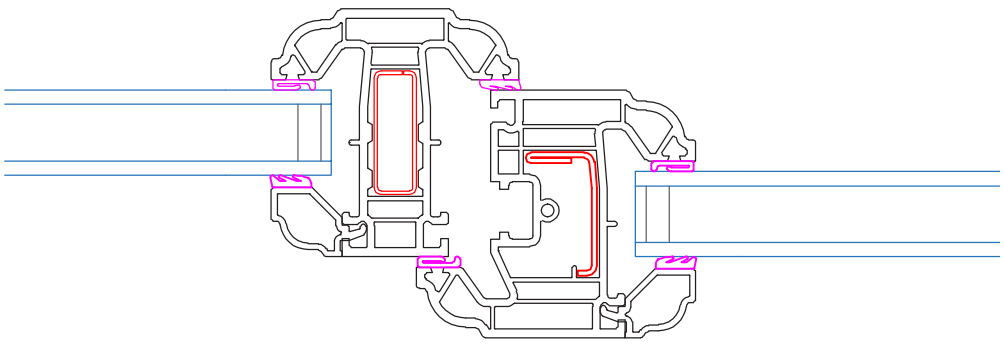
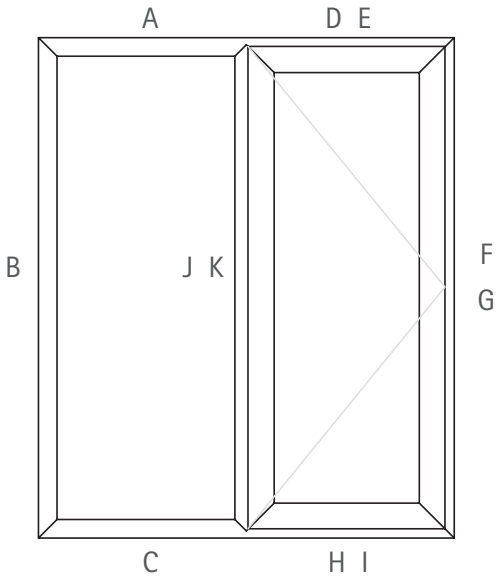


HALO Rustique FlushSash

Whole Window U-Value: 1.2 W/m2K

Configuration:

56mm Outer Frame	701531
Thermal Insert	709331
24mm Glazing Bead	707430
70mm Z Transom	702536
Steel Box	713187
Flush Sash	703810
Steel L Section	713226
24mm Glazing Bead	707430



Glazing:

Thickness	24mm (4/16/4)**
Gas Cavity	Argon Filled (90%)
Centre Pane U-Value	1.0 W/m2k
Pane 1	Standard Float (e.g. Pilkington Optifloat)
Pane 2	Coated 0.01 (e.g. Pilkington Optitherm S1+)
Spacer	Swisspacer Ultimate
Sealant	Butyl - 3mm

** 28mm also available using 6.8mm laminated float glass (e.g. Pilkington Optilam) as Pane 1 & appropriate glazing bead.

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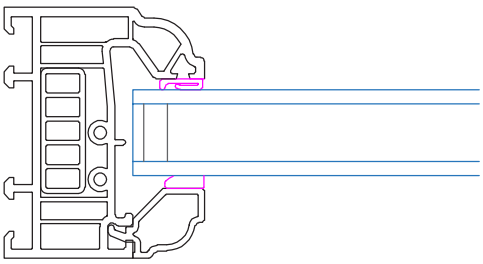

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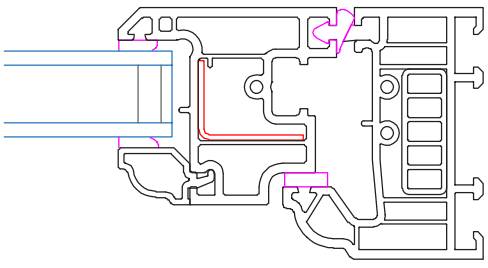
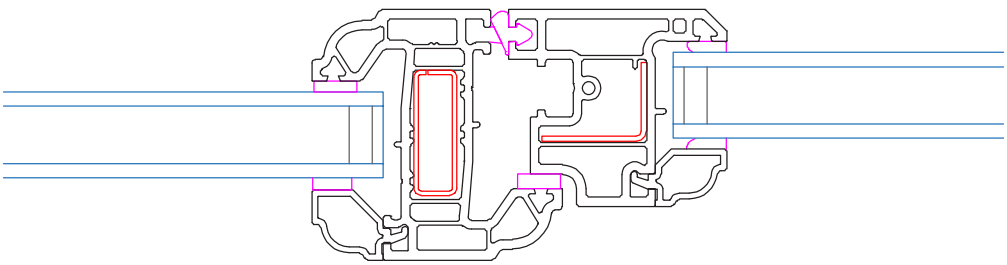
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