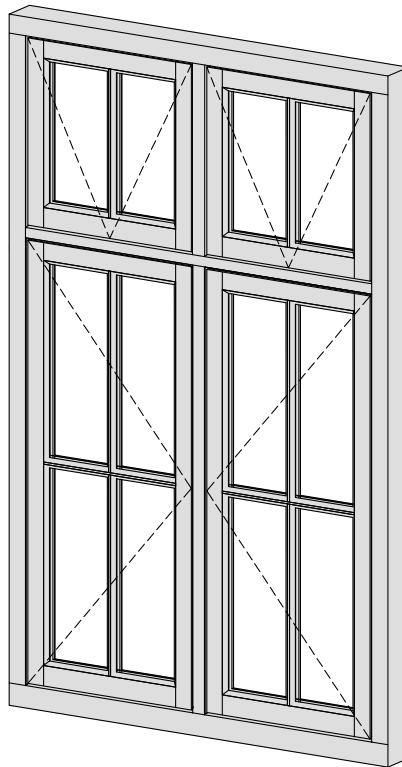




ENERGY										
Thermal Insulation EN ISO 10077-1	Window U value (W/m²K)					Glass unit type				
	1.6					4mm/8mm Krypton/4mm Pilkington KS				
	1.7					4mm/6mm Krypton/4mm Pilkington KS				
	2.0					4mm/4mm Krypton/4mm Pilkington KS				
	1.8					4mm/8mm Argon/4mm Pilkington KS				
	2.0					4mm/6mm Argon/4mm Pilkington KS				
	2.3					4mm/4mm Argon/4mm Pilkington KS				
ACOUSTIC PERFORMANCE										
Sound Insulation BS EN ISO 10140-2:2021	Window Rw value dB (C; Ctr)					Glass unit type				
	28dB (-1; -3)					4mm/6mm spacer/4mm				
	31dB (-1; -2)					6.8mm (33.2 laminated acoustic)/8mm spacer/4mm				
WEATHER PERFORMANCE										
Air permeability EN 1026; EN 12207	1 (150 Pa)			2 (300 Pa)			3 (600 Pa)		4 (600 Pa)	
Water tightness EN 1027; EN 12208	1A (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E (900 Pa)
Wind resistance EN 1221; EN 12210	1 (400 Pa)		2 (800 Pa)		3 (1200 Pa)		4 (1600 Pa)		5 (2000 Pa) Exxx (>2000 Pa)	
Wind load resistance to frame deflection EN 1221; EN 12210	A (≤1/150)				B (≤1/200)			C (≤1/300)		

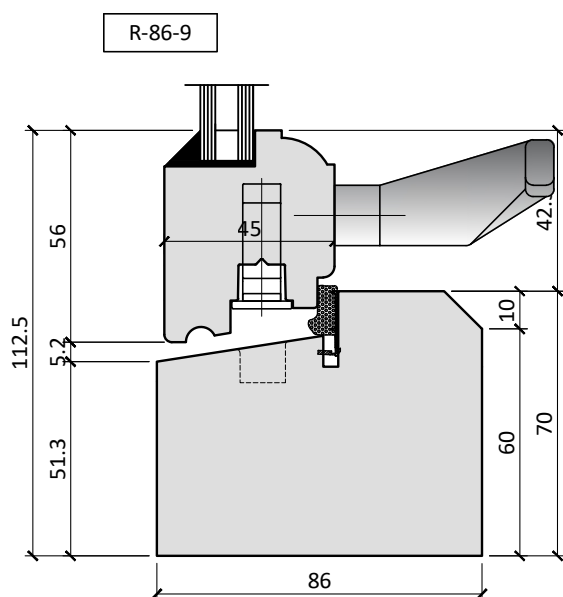
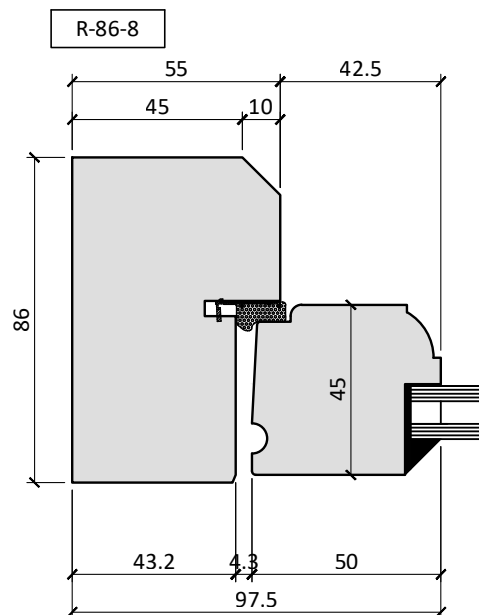
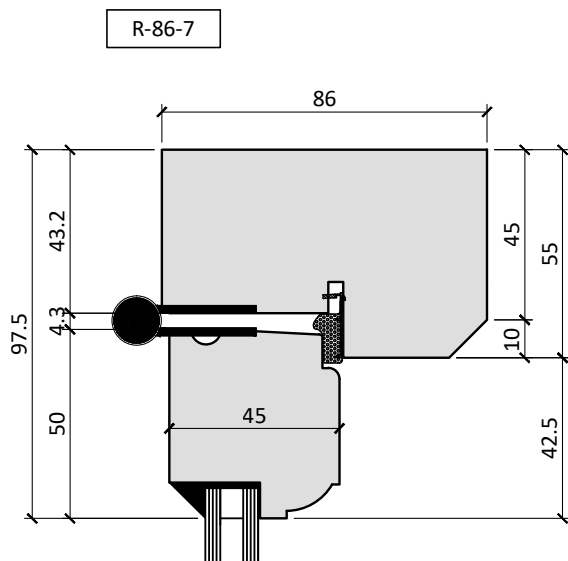
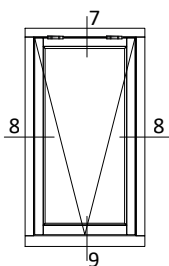
(1) Window U value calculation based on window size 1.23m wide x 1.48m high.

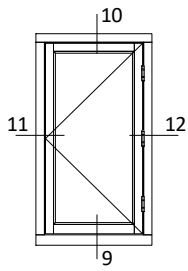
(2) Window acoustic performance based on window size 1.23m wide x 1.48m high.

(3) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

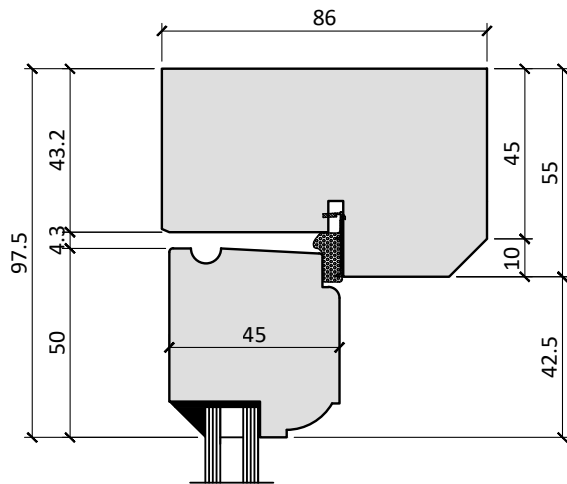
(4) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

(5) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

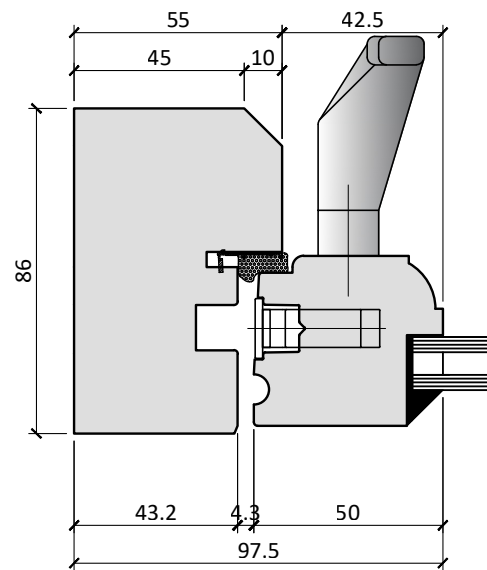




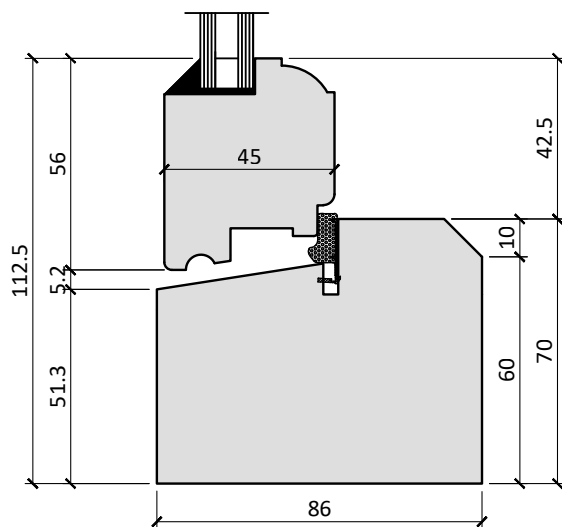
R-86-10



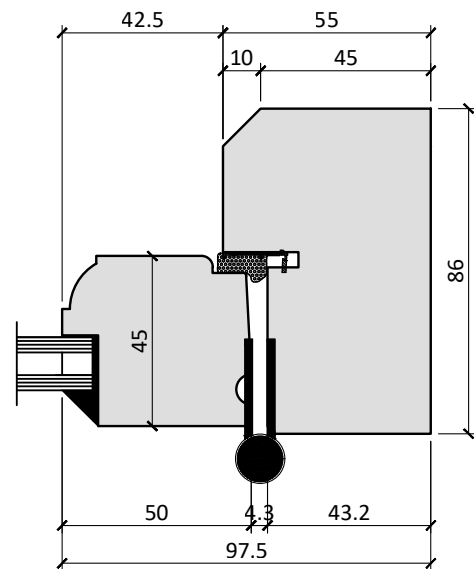
R-86-11

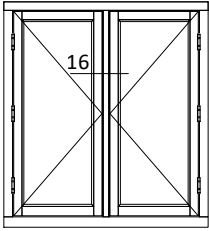


R-86-9

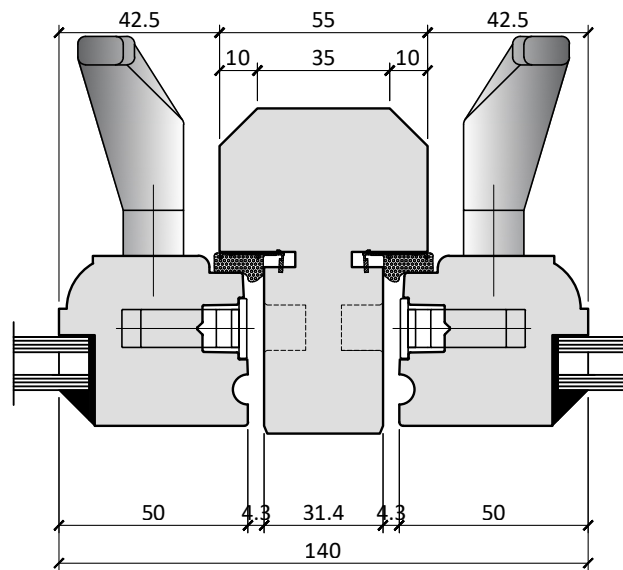


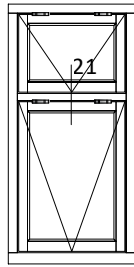
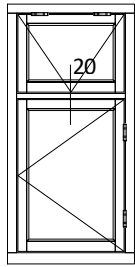
R-86-12



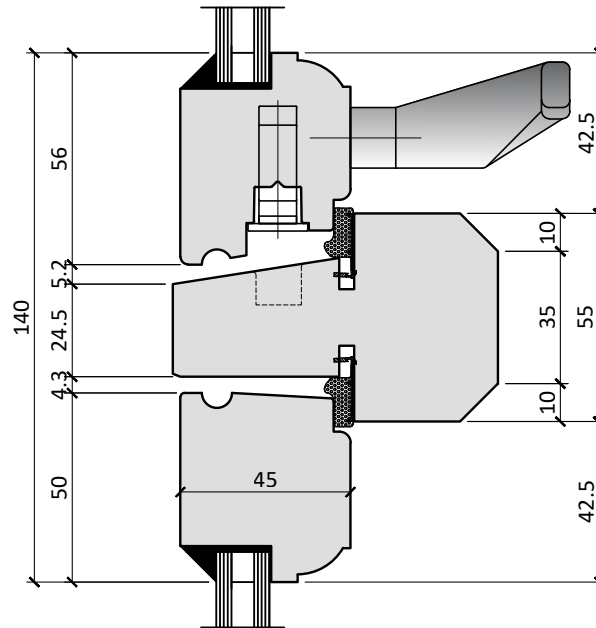


R-86-16

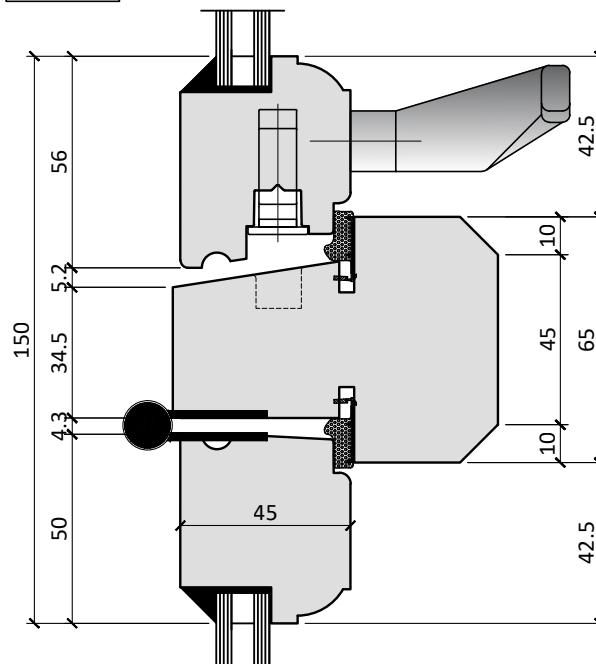




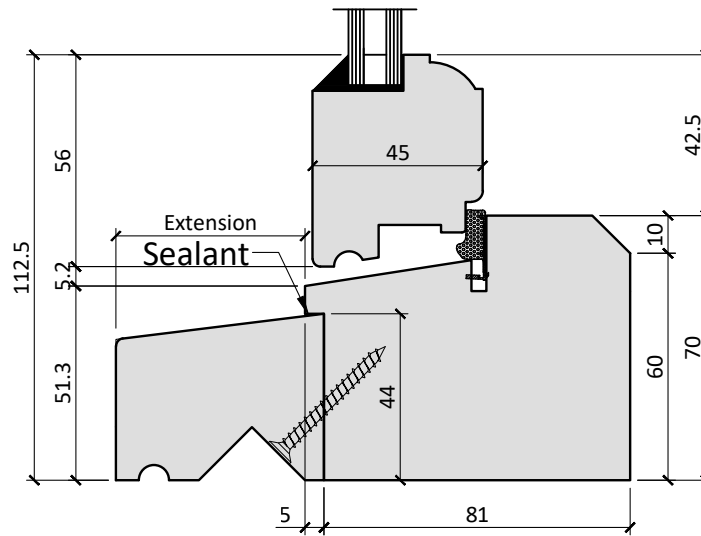
R-86-20



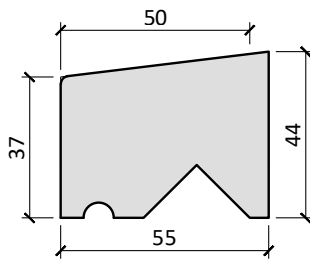
R-86-21



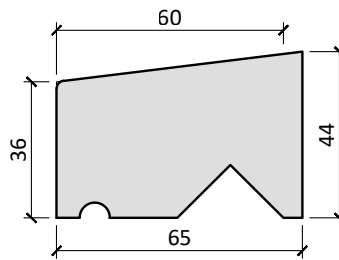
R-86-9-C



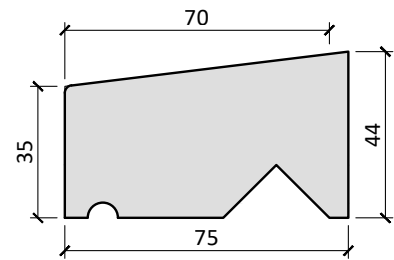
C50



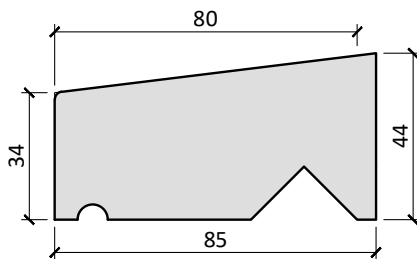
C60



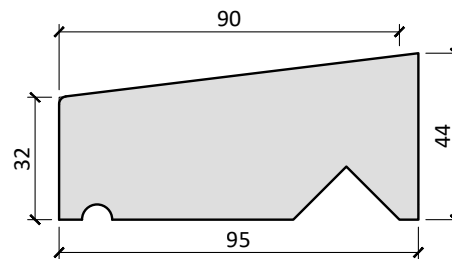
C70



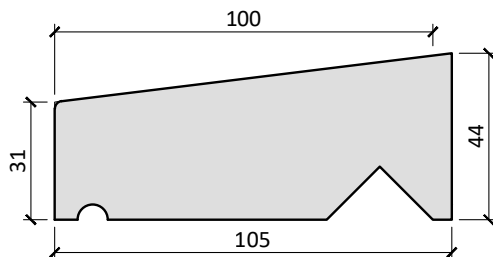
C80



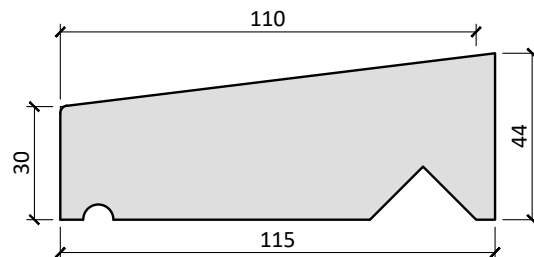
C90



C100

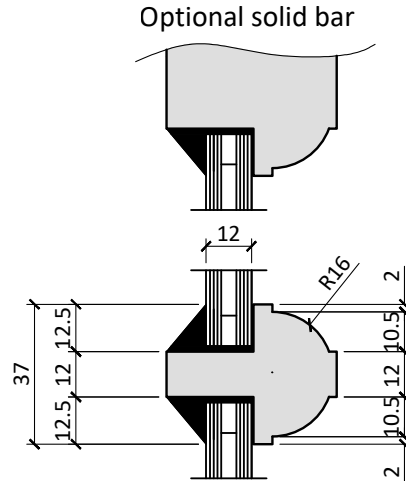
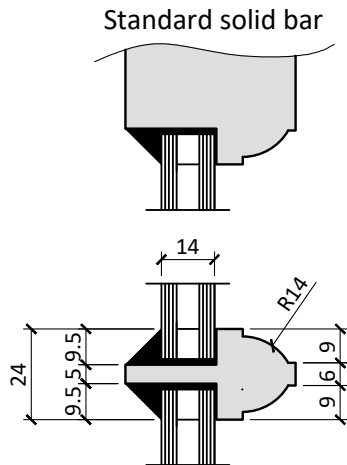
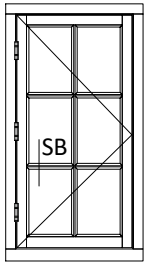


C110



Note. Cill extensions are manufactured from Sapele hardwood in all cases. Please consider when choosing stain finish externally (for example, softwood pine window with cill extension and stain finish externally)

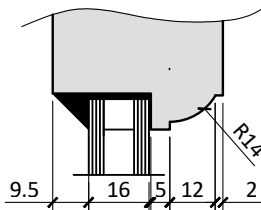
Scale 1:2



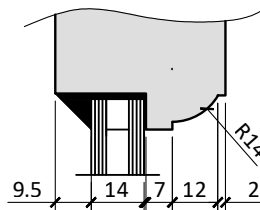
Glazing options with standard solid bar

Default

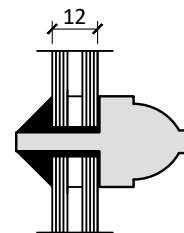
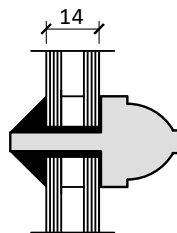
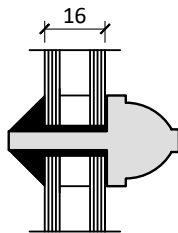
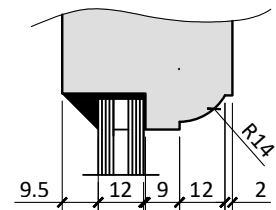
4mm/8mm spacer/4mm



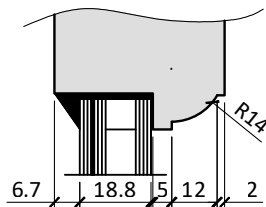
4mm/6mm spacer/4mm



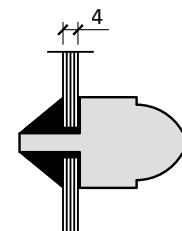
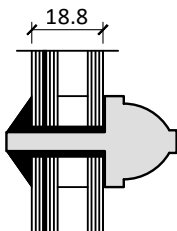
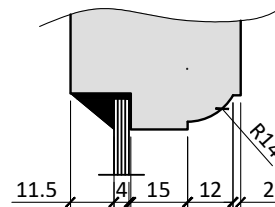
4mm/4mm spacer/4mm



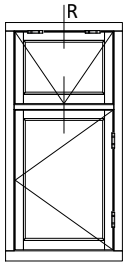
6.8mm/8mm spacer/4mm
(Acoustic)



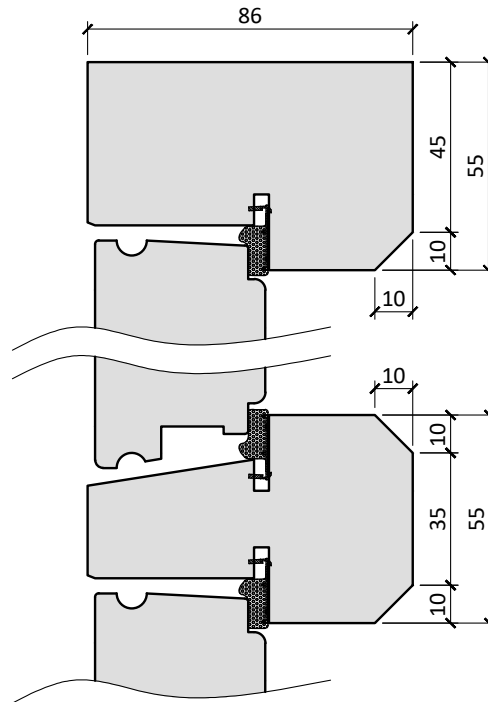
4mm single glass



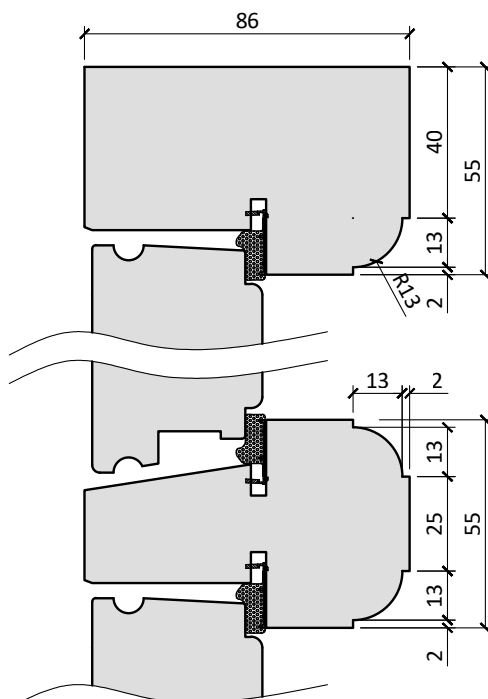
Scale 1:2



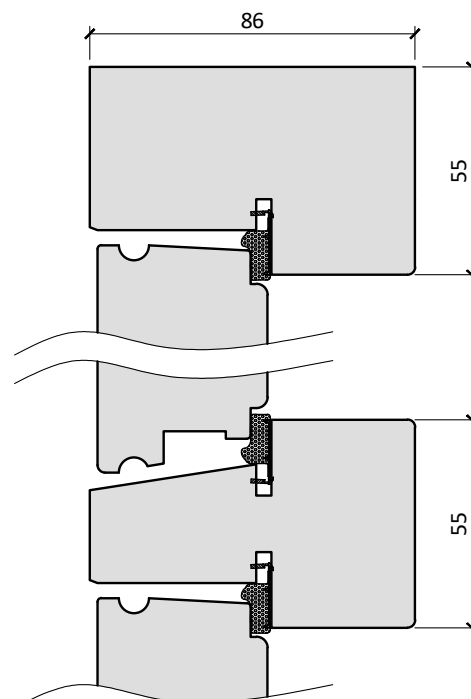
BEVELLED FRAME
(default) (Section R)



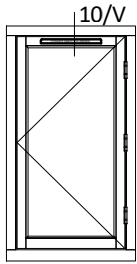
OVOLO FRAME



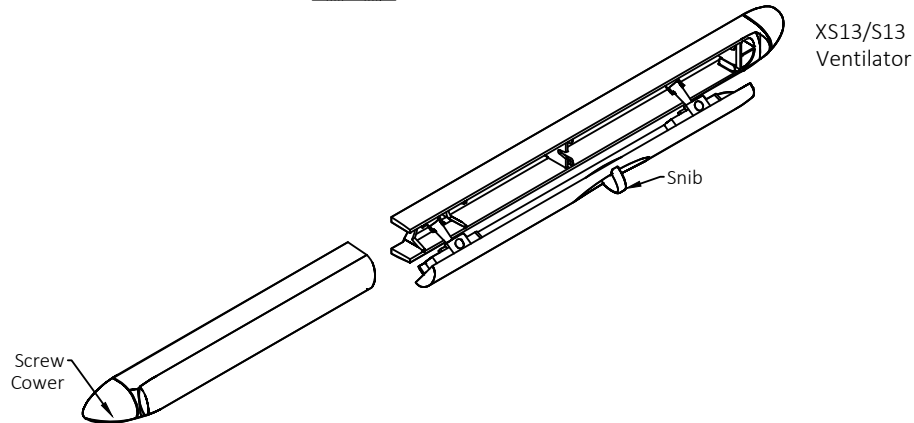
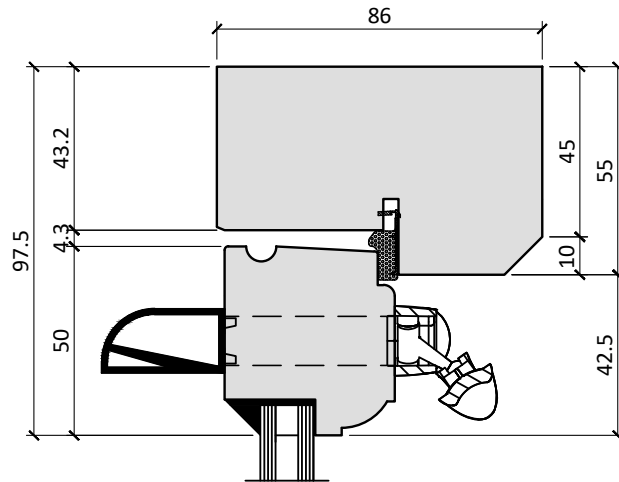
SQUARE FRAME



Scale 1:2



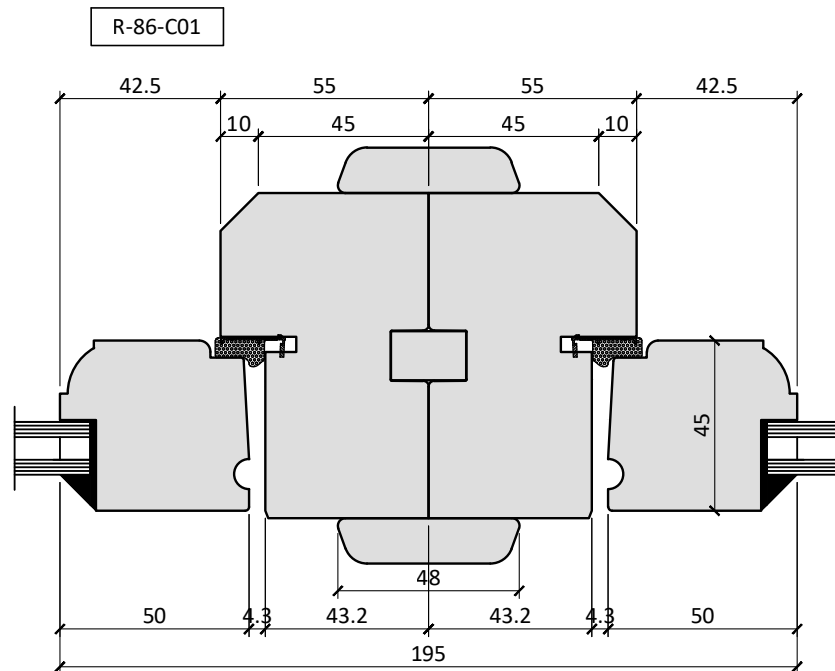
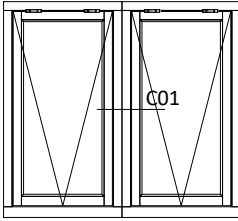
R-86-10/V

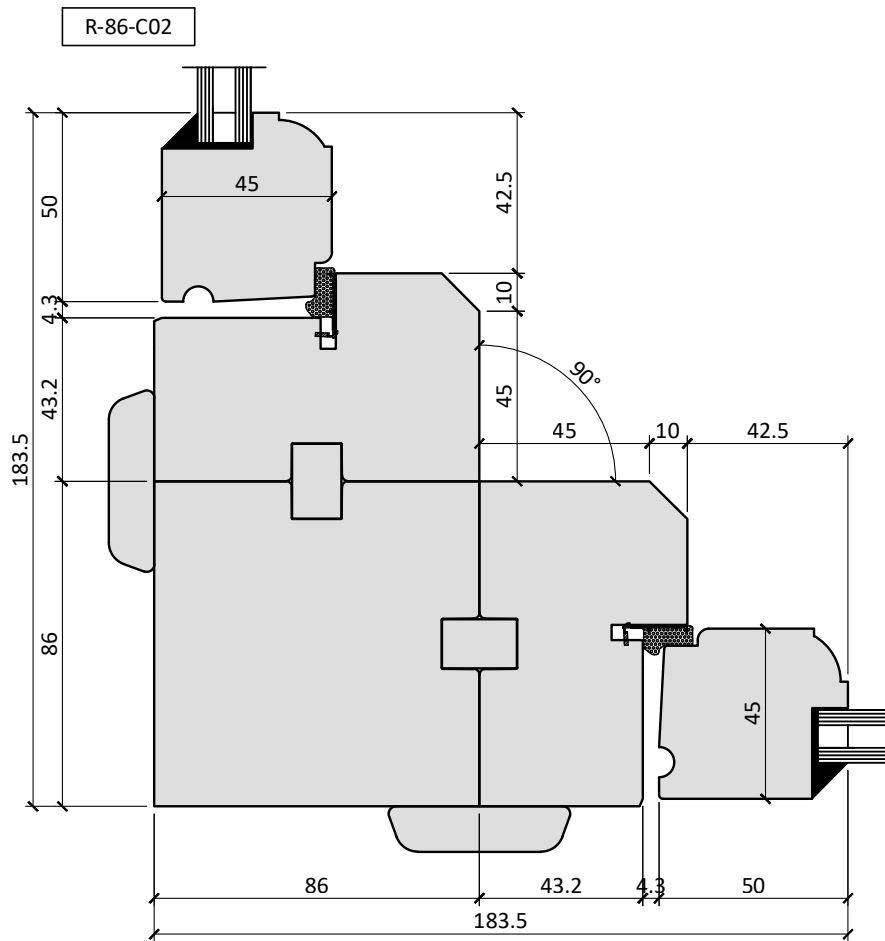
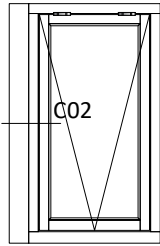


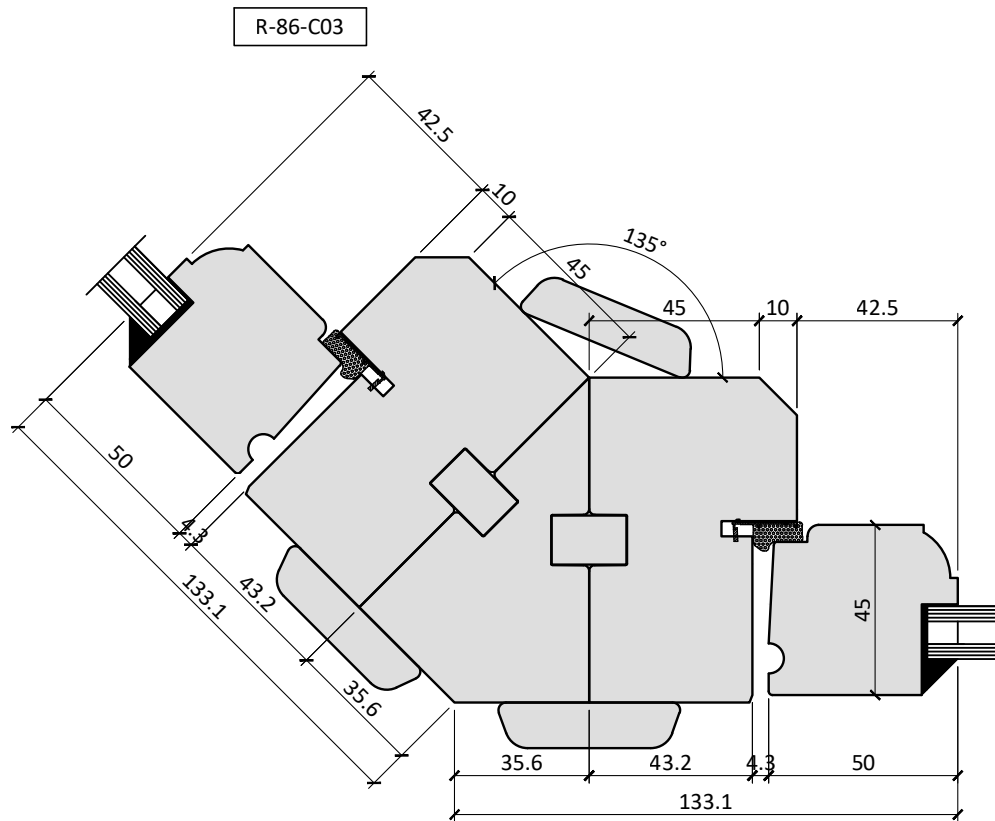
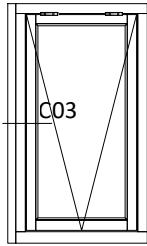
TRICKLE VENT AVAILABLE IN DIFFERENT
AIR FLOW VALUE, DEPENDING ON THE WINDOW WIDTH:

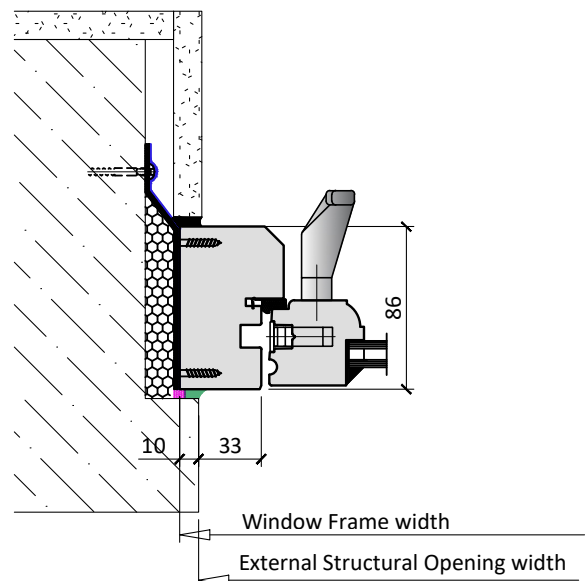
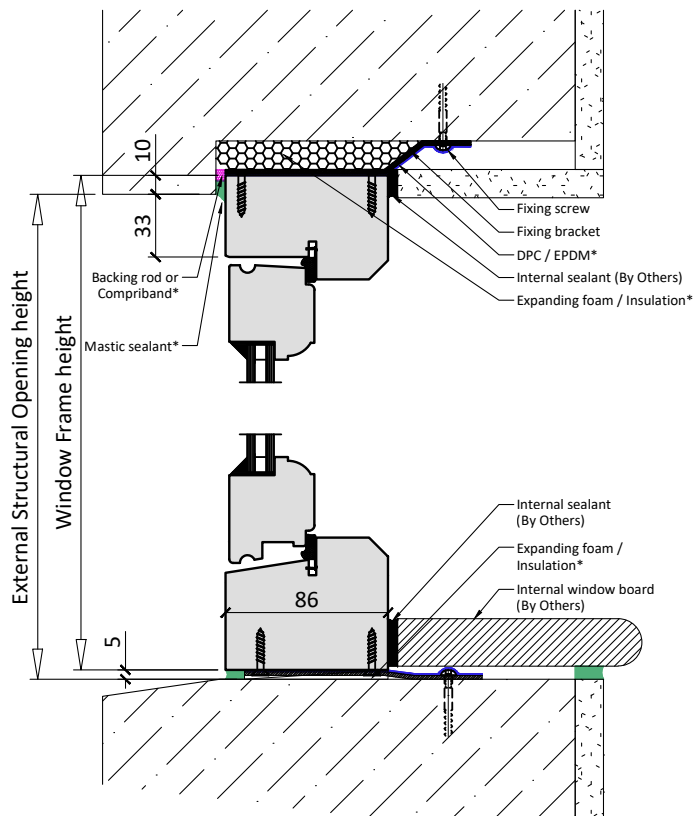
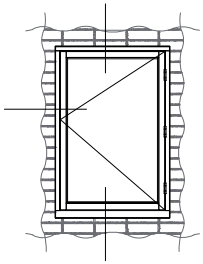
Type	When fitted through the sash		Available finishes
	Minimal sash width (mm)	Minimal frame* width (mm)	
Trimvent Select S13 2000 EA	430	525	White Grey Brown Black
Trimvent Select XS13 4400 EA	572	667	
TV4000HL 2200 EA	430	525	
TV4000HL 4000 EA	572	667	

* - BASED ON A SINGLE WINDOW WITH STANDARD 86X55MM WIDTH JAMBS



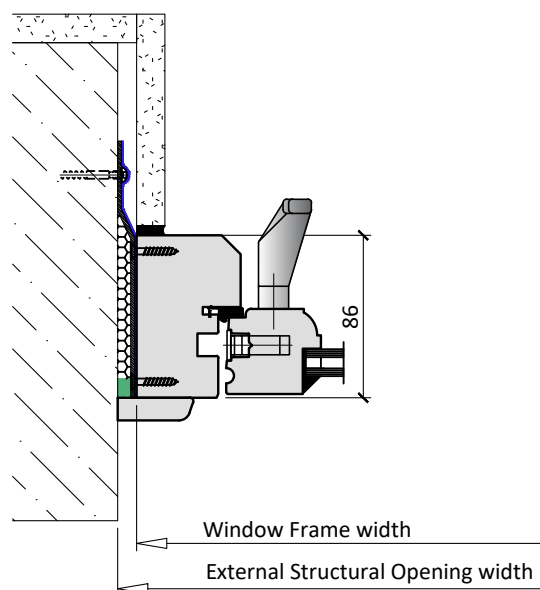
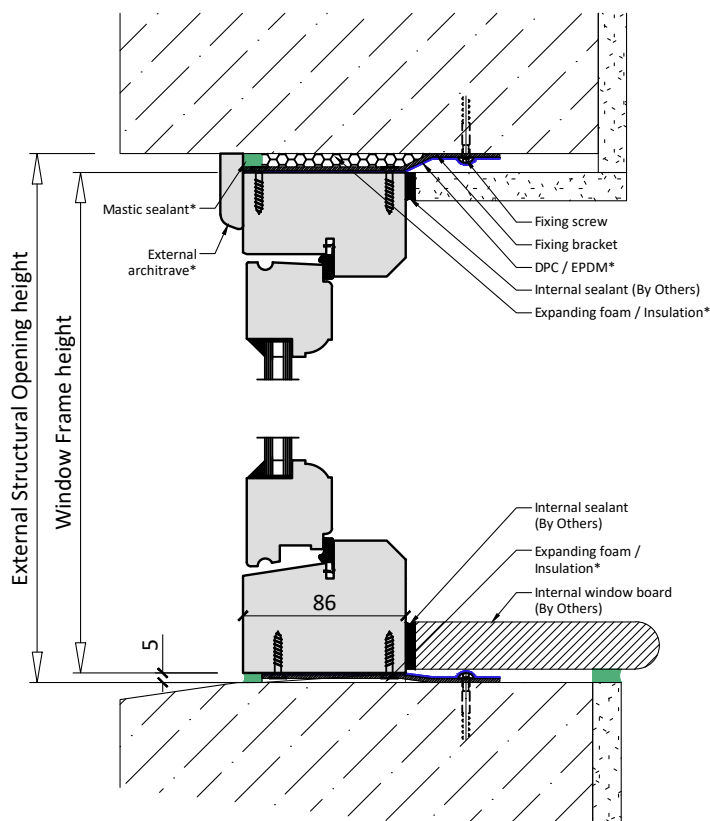
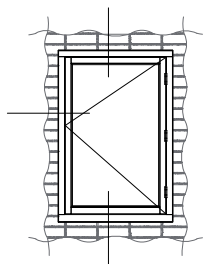






* - materials are optional and could incur additional cost.

Scale 1:4



* - materials are optional and could incur additional cost.

Scale 1:4