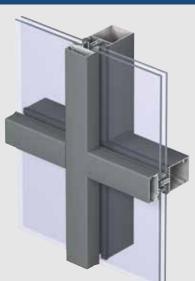
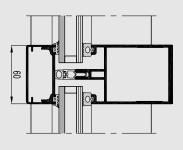


CW 60 Solution for heavy glass panes





Concept Wall® 60 is an excellent thermally insulated curtain wall system for robust structure of large glass surfaces, that answers even to the specific needs of sloped or curved constructions. This modular system is designed with intelligently reinforced profiles, allowing to install heavy weight glass panels.

The CW 60 concept meets the highest requirements in water- and air tightness, wind load resistance and thermal insulation. The glazing is secured by a rebate height of 25 mm. The ability to hold up to 62 mm of glass thickness makes it possible to integrate triple glazing.

This curtain wall system is standard available in 4 different aesthetical outside appearances. In addition, CW 60 is made up of an extensive profile range, and facilitates the integration of all types of windows including attic windows.







TECHNICAL CHARACTERISTICS									
Style variants			CW 60 functional				CW 60-HI ultimate ermal comfort	CW 60-SC structural clamped glazing	
Inside visible width			60 mm				60 mm	60 mm	
Outside visible width			60 mm				60 mm	silicon joint or EPDM gasket of 20mm width	
Depth mullions			from 79 to 268 mm				n 79 to 268 mm	from 79 to 268 mm	
Depth transoms			from 78.4 to 204.4 mm				'8.4 to 204.4 mm	from 78.4 to 204.4 mm	
Glass thickness		6 to 62 mm				2	2 to 62 mm	27 to 63 mm	
Types of vents			all Reynaers systems THW and POW (glass from 24 to 32 mm)			vent	eynaers systems ts of CS 77 and 86-HI preferred	all Reynaers systems THW and POW (glass from 27 to 34 mm)	
TECH	HNICAL CHARACTERISTIC	S							
Style variants			CW 60-SG structural sealed glazing				CW 60-HL functional	CW 60-RA	
Inside visible width		60/88 mm				60 mm		60 mm	
Outside visible width		EPDM gasket of 27mm width			of	vertical : 30 mm joint horizontal : 60 mm pressure plate		60 mm	
Depth mullions		from 79 to 268 mm				from 79 to 268 mm		from 79 to 268 mm	
Depth transoms		from 78.4 to 204.4 mm				from 78.4 to 204.4 mm		from 78.4 to 204.4 mm	
Glass thickness		24 to 36 mm				22 to 48 mm		6 to 45 mm	
Types of vents			not applicable			no	ot applicable	attic window	
PER	FORMANCES								
	ENERGY								
\bigcirc	Thermal insulation ⁽¹⁾ EN 13947		Specific test per profile combination, please contact your Reynaers Aluminium fabricator						
	COMFORT								
	Acoustic performance ⁽²⁾ EN ISO 140-3; EN ISO 717-1			Rw (C;Ctr) = 34 (-1;-4) dB/47 (-2;-5) dB, depending on the glazing type					
	Air tightness, max. test pressure ⁽³⁾ EN 12153; EN 12152			A4 (600 Pa)					
	Water tightness ⁽⁴⁾ EN 12155; EN 12154		R4 150	R5 300	R6 450	R7 600		RE 1200	
					-				
		re ⁽⁵⁾					2400 Pa		

This table shows possible classes and values of performances, which can be achieved for specific configurations and opening types: contact Reynaers for further information.

The values indicated in red are the ones relevant to this system.

(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

(2) The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame.(3) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(d) The wind industrial track to a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force. There are up to five levels of wind resistance (1 to 5) and three deflection classes (A,B,C). The higher the number, the better the performance.

