



GEALAN

INNOVATION MIT SYSTEM

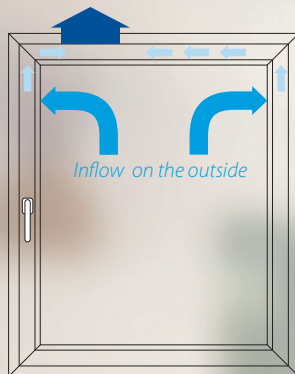
GEALAN-CAIRE® flex

Flexible basic  
ventilation for windows

Fresh air even with  
closed windows

Air intake on the interior side

Air flow within the window rebate



## GEALAN-CAIRE® flex

GEALAN-CAIRE® flex is almost invisible. The ventilation is hidden in the window rebate, and is easy to install and retrofit. It allows a permanent air exchange when the window is closed, without you having to do anything. The system is particularly useful for the prevention of mould and mildew by discharging moist air to the outside. The passive ventilator does not need to be controlled, and consequently is resistant to malfunctions and requires little maintenance. If pressure differences are too high, GEALAN-CAIRE® flex closes automatically to prevent unpleasant drafts. GEALAN-CAIRE® flex is IFT-tested for the GEALAN systems S 8000 and S 9000 AD.



# Invisible. Independent. Precise.

## Air flow and tightness against driving rain with GEALAN-CAIRE® flex

Ventilation units per window	Air flow values in m <sup>3</sup> /h																Tightness against driving rain	
	2 Pa		3 Pa		4 Pa		5 Pa		6 Pa		7 Pa		8 Pa		10 Pa		DIN EN 12208	DIN EN 12208
1 + ↻	2,2	1,9	2,8	2,4	3,3	2,8	3,7	3,2	4,1	3,5	4,5	3,8	4,8	4,1	5,4	4,6	7A	9A
1	2,4	2,7	3,0	3,2	3,5	3,7	4,0	4,1	4,4	4,5	4,7	4,8	5,1	5,1	5,7	5,7	7A	9A
2 + ↻	3,6	3,1	4,4	3,9	5,2	4,6	5,9	5,2	6,5	5,7	7,1	6,3	7,6	6,7	8,6	7,7	4A	5A
2	4,5	4,1	5,5	5,1	6,3	5,9	7,1	6,6	7,8	7,2	8,4	7,8	9,0	8,4	10,1	9,4	9A	9A
3 + ↻	4,2	5,2	5,2	6,5	6,2	7,6	7,0	8,6	7,8	9,5	8,5	10,3	9,2	11,1	10,4	12,5	6A	7A
3	5,8	5,6	7,2	6,9	8,3	8,0	9,3	9,0	10,3	9,9	11,1	10,7	11,9	11,5	13,4	12,9	5A	6A

## Sound insulation

Ventilation units per window	Windows without ventilation units	45 dB	46 dB	44 dB	45 dB	42 dB	41 dB	39 dB	39 dB	34 dB	34 dB
1 + ↻	Windows with GEALAN-CAIRE® flex	43 dB	43 dB	42 dB	42 dB	40 dB	40 dB	39 dB	38 dB	34 dB	34 dB
1		39 dB	40 dB	38 dB	39 dB	37 dB	38 dB	36 dB	37 dB	33 dB	33 dB
2 + ↻		40 dB	39 dB	39 dB	38 dB	38 dB	37 dB	37 dB	36 dB	33 dB	33 dB
2		33 dB	34 dB	33 dB	34 dB	33 dB	33 dB	32 dB	33 dB	30 dB	31 dB
3 + ↻		34 dB	34 dB	34 dB	34 dB	33 dB	34 dB	33 dB	33 dB	31 dB	31 dB
3		31 dB	32 dB	31 dB	32 dB	31 dB	31 dB	31 dB	31 dB	29 dB	30 dB

↻ Increased sound insulation due to reduced sealing cut-out on the window frame

■ Values for S 8000 IQ

■ Values for S 9000