

VACUUM INSULATING GLASS (VIG)



Vacuum insulating glass for façade and window glass

The glass solution for listed buildings

In historic buildings, windows are often not refitted with modern glazing due to aesthetic reasons or because of the requirements for listed buildings. Our vacuum insulating glass offers the perfect solution here: Due to the extremely small overall thickness of the insulating glass structure, it also fits in the existing frames used for single-glazed windows. The windows then retain their original charm while also meeting contemporary requirements in terms of thermal insulation and sound insulation.

Aesthetics

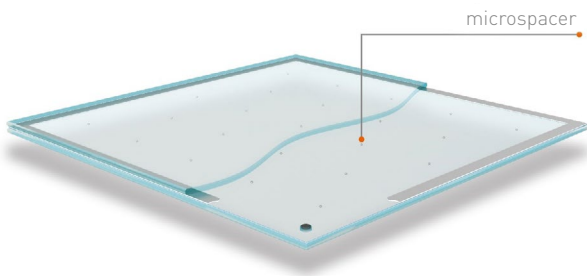
The historic appearance of the windows is maintained thanks to the thin glazing; virtually invisible microspacer

Functionality

Good insulating qualities and contemporary sound insulation with high light transmission

Special feature

Installation in existing frames for single-glazed windows possible



	mono	double hybrid	triple hybrid
U_g	0.3 W/m ² K (0.32)	0.3 W/m ² K (0.27)	0.2 W/m ² K (0.21)
g value	0.47	0.52	0.34
Light Transmission	0.70	0.64	0.53
R_w	37 [-2; -3] dB	37 [-2; -6] dB	46 [-2; -7] dB*
Structure	10.3 mm VIG	4 mm EN2plus / 16 mm argon / 10.3 mm VIG	4 mm SILVERSTAR SELEKT 74/42 / 14 mm AR / 4 mm EN2plus / 14 mm AR / 10.3 mm VIG

* Different glass structure with 2x VSG 8-1 P