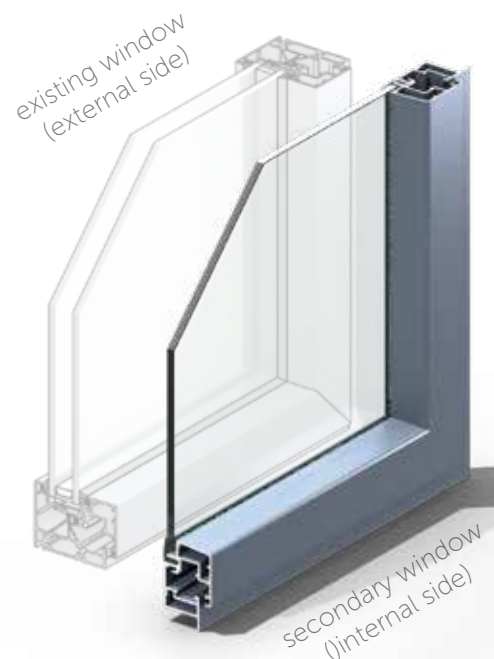




## Secondary layer window

This product was designed to reduce the heating costs of existing buildings by improving their thermal insulation. The window is installed internally as a secondary layer, transforming the closed space between the windows into an insulator. Such modernization also has a positive effect on acoustic insulation, which is another benefit.

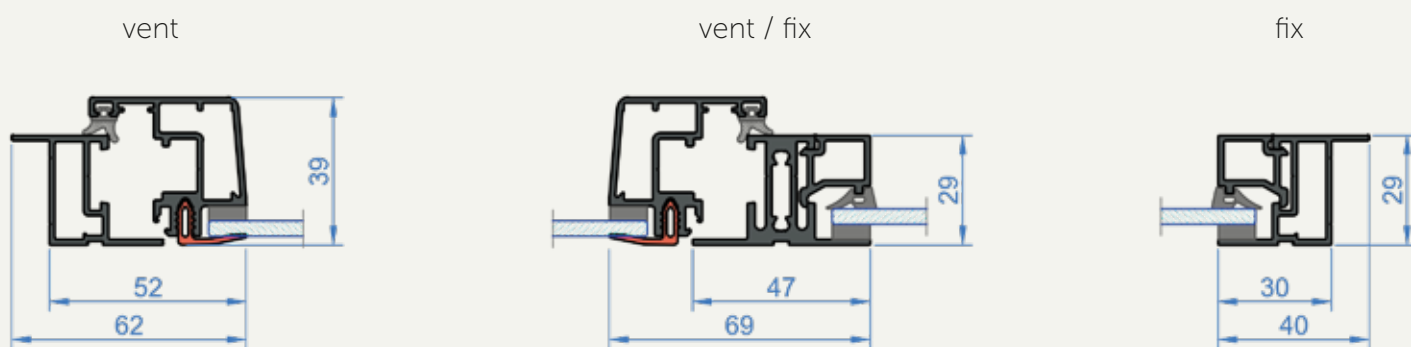
The solution is not only simple but also allows you to preserve the visual aspect of the building's architecture.



## Secondary layer window

## Energy Saving Window

- Energy-saving solution for existing buildings with low thermal isolation efficiency
- Dimensions of the windows are customized individually, due to the initial measurements done on-site
- Performed measurements make the retrofitting process run smoothly, avoiding unnecessary destruction
- The solution is barely visible from the outside, keeping the style and character of the architecture unchanged
- The product is reducing the sound impact from 32 dB to 45 dB (proven by the final report after tests performed in the building)
- Significantly 7 dB sound reduction, even with an open vent



Frame depth	vent 39 mm / fix 29 mm
Sight line height	vent 62 mm / fix 40 mm
Sight line type	stright
Glazing type	single glass
Typical U-value as an extra frame	0,7 W/m <sup>2</sup> K
Sound reduction as an extra frame	45 dB (R'45W)
Sound reduction as a ventilation window	7 dB (R'45W)

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