



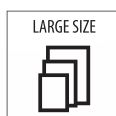
COMFORT



PASSIV

HST SLIDING DOOR SYSTEM

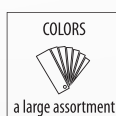
MAIN ADVANTAGES



TIGHTNESS - the system based on the profile of the market-leading Aluplast brand is one of the most tight solutions in its class. During tightness tests, it achieved an excellent result - class 8A (450Pa). Thanks to this, even during unfavorable weather phenomena, HST Comfort or Passiv will perform their task perfectly.



THERMAL INSULATION - when using deep sashes, we can use very "warm" glazing units ($U_g = 0,5$ or $0,6$ W/m^2K) thanks to which we achieve excellent thermal insulation. Depending on your needs, we can make HST lift-and-slide doors in the Comfort version, which is addressed to all those who want to combine excellent window parameters with an acceptable level of investment. However, to achieve the lowest possible U_w value dedicated to passive and zero-energy houses, we propose choosing solutions using the HST Passiv system.



LARGE SIZE - HST Comfort and HST Passiv also meet another criterion of the construction market, allowing the construction of windows in this class with maximum dimensions of 6000 mm in width and 2500 mm in height. Thanks to our modern machinery, we can offer you the production of these windows in any available color, regardless of the window system you choose using our offer.



Below is a comparison of the systems in the table:



	COMFORT	PASSIV
Threshold	Alu / PVC	Plastic GFK, filled with foam
Guide	Alu	Plastic GFK
Reinforcement	2 x rectangular steel pipe	Aluminum with thermal separation
U_w (3400 x 2400 mm) with glass with $U_g = 0,5$ W/m^2K coefficient and warm edge	0,84 W/m^2K	0,73 W/m^2K

